AV-2 Integrated Dictionary Listing [EA FY13]

Architecture Element	Type
ANSP	Operational Node [EA FY13]
ANSP Maneuver Directives	ICOM Arrow [EA FY13]
ANSP Maneuver Directives	Information Exchange [EA FY13]
ANSP Separation Delegation	ICOM Arrow [EA FY13]
ANSP Separation Delegation	Information Exchange [EA FY13]
ATM Analysis Tool	ICOM Arrow [EA FY13]
ATM Analysis Tool	Information Exchange [EA FY13]
Accept Human Observation	System Function [EA FY13]
Accept Object Identity	System Function [EA FY13]
Accept Surv System Initialization	System Function [EA FY13]
Adjustment Plan (Air Navigation)	ICOM Arrow [EA FY13]
Adjustment Plan (Air Navigation)	Information Exchange [EA FY13]
Adjustment Plan (Airport)	ICOM Arrow [EA FY13]
Adjustment Plan (Airport)	Information Exchange [EA FY13]
Adjustment Plan (Fixed-Object)	ICOM Arrow [EA FY13]
Adjustment Plan (Fixed-Object)	Information Exchange [EA FY13]
Adjustment Plan (Surveillance)	ICOM Arrow [EA FY13]
Adjustment Plan (Surveillance)	Information Exchange [EA FY13]
Adjustment Plan (Weather)	ICOM Arrow [EA FY13]
Adjustment Plan (Weather)	Information Exchange [EA FY13]
Adjustment Plan Selection (Air Navigation)	ICOM Arrow [EA FY13]
Adjustment Plan Selection (Air Navigation)	Information Exchange [EA FY13]
Adjustment Plan Selection (Airport)	ICOM Arrow [EA FY13]
Adjustment Plan Selection (Airport)	Information Exchange [EA FY13]
Adjustment Plan Selection (Surveillance)	ICOM Arrow [EA FY13]

Architecture Element	Type
Adjustment Plan Selection (Surveillance)	Information Exchange [EA FY13]
Adjustment Plan Selection (Weather)	ICOM Arrow [EA FY13]
Adjustment Plan Selection (Weather)	Information Exchange [EA FY13]
Air Carriers	Organization [IWP FY13]
Air Emergency Analysis Tool	ICOM Arrow [EA FY13]
Air Emergency Analysis Tool	Information Exchange [EA FY13]
Air Emergency Mitigation Plan	ICOM Arrow [EA FY13]
Air Emergency Mitigation Plan	Information Exchange [EA FY13]
Air Navigation Alert	ICOM Arrow [EA FY13]
Air Navigation Alert	Information Exchange [EA FY13]
Air Navigation Emergency Alert	ICOM Arrow [EA FY13]
Air Navigation Emergency Alert	Information Exchange [EA FY13]
Air Navigation Tool	ICOM Arrow [EA FY13]
Air Navigation Tool	Information Exchange [EA FY13]
Air Surveillance - Legacy ASR-11 (EN1022)	ICOM Arrow [EA FY13]
Air Surveillance - Legacy ASR-11 (EN1022)	Information Exchange [EA FY13]
Air Traffic Surveillance - National Defense Organization	Need Line [EA FY13]
Air Traffic Surveillance Officer	ICOM Arrow [EA FY13]
Air Traffic Surveillance Officer	Information Exchange [EA FY13]
Air Traffic Surveillance Officer	Operational Node [EA FY13]
Air Traffic Surveillance Officer - National Defense Organization	Need Line [EA FY13]
Air Traffic Surveillance Officer - NextGen Information Consumer	Need Line [EA FY13]
Aircraft	ICOM Arrow [EA FY13]
Aircraft	Information Exchange [EA FY13]
Aircraft	Operational Node [EA FY13]
Aircraft Avionics	ICOM Arrow [EA FY13]
Aircraft Avionics	Information Exchange [EA FY13]

Architecture Element	Type
Aircraft Calculated Take-off Weight	ICOM Arrow [EA FY13]
Aircraft Calculated Take-off Weight	Information Exchange [EA FY13]
Aircraft Owner/Operator	Information Exchange [EA FY13]
Aircraft Owner/Operator	Operational Node [EA FY13]
Aircraft Owner/Operator (Surveillance)	Operational Node [EA FY13]
Aircraft Owner/Operator - Operations Personnel (Surveillance)	Need Line [EA FY13]
Aircraft Owner/Operator - Operations Personnel (Weather)	Need Line [EA FY13]
Aircraft Owner/Operator - Program Management Office	Need Line [EA FY13]
Aircraft Owner/Operator - Program Management Office (Surveillance)	Need Line [EA FY13]
Aircraft Profile	ICOM Arrow [EA FY13]
Aircraft Profile	Information Exchange [EA FY13]
Aircraft Separation Information	ICOM Arrow [EA FY13]
Aircraft Separation Information	Information Exchange [EA FY13]
Aircraft Systems - Aircraft-Aircraft Hazardous Wx Information Sharing (EN2070)	ICOM Arrow [EA FY13]
Aircraft Systems - Aircraft-Aircraft Hazardous Wx Information Sharing (EN2070)	Information Exchange [EA FY13]
Aircraft Weight and Balance	ICOM Arrow [EA FY13]
Aircraft Weight and Balance	Information Exchange [EA FY13]
Aircraft Weight and Balance Calculations	ICOM Arrow [EA FY13]
Airline Operations Personnel	Information Exchange [EA FY13]
Airline Operations Personnel	Need Line [EA FY13]
Airline Operations Personnel	Operational Node [EA FY13]
Airline Operations Personnel - Airline Operations Personnel	Need Line [EA FY13]
Airline Operations Personnel - Dispatch - Flight Follower	Need Line [EA FY13]
Airline-Airport Use and Lease Agreement	ICOM Arrow [EA FY13]
Airline-Airport Use and Lease Agreement	Information Exchange [EA FY13]
Airport	Operational Node [EA FY13]
Airport Concession	ICOM Arrow [EA FY13]

Architecture Element	Type
Airport Concession	Information Exchange [EA FY13]
Airport Cost Model	ICOM Arrow [EA FY13]
Airport Cost Model	Information Exchange [EA FY13]
Airport Daily Operations Plan	ICOM Arrow [EA FY13]
Airport Daily Operations Plan	Information Exchange [EA FY13]
Airport Emergency Condition	ICOM Arrow [EA FY13]
Airport Emergency Condition	Information Exchange [EA FY13]
Airport GSE Surface Management System (EN5004)	ICOM Arrow [EA FY13]
Airport GSE Surface Management System (EN5004)	Information Exchange [EA FY13]
Airport Long-Term Operations Plan	ICOM Arrow [EA FY13]
Airport Long-Term Operations Plan	Information Exchange [EA FY13]
Airport Management Office	ICOM Arrow [EA FY13]
Airport Management Office	Operational Node [EA FY13]
Airport Management Office - Airport Management Office	Need Line [EA FY13]
Airport Management Office - Airport Planning Office	Need Line [EA FY13]
Airport Management Office - Airport Planning Office	Need Line [EA FY13]
Airport Management Office - Certification Personnel (Airport)	Need Line [EA FY13]
Airport Management Office - Maintenance Personnel (Airport)	Need Line [EA FY13]
Airport Management Office - Program Management Office (ANSP)	Need Line [EA FY13]
Airport Management Office - R&D Personnel (Airport)	Need Line [EA FY13]
Airport Management Office - Security Personnel (Airport)	Need Line [EA FY13]
Airport Operationa Analysis Tool	Information Exchange [EA FY13]
Airport Operations Analysis Tool	ICOM Arrow [EA FY13]
Airport Operations Analysis Tool	Information Exchange [EA FY13]
Airport Operations Personnel	Information Exchange [EA FY13]
Airport Operations Report	ICOM Arrow [EA FY13]
Airport Operations Report	Information Exchange [EA FY13]

Architecture Element	Type
Airport Operations Tool	ICOM Arrow [EA FY13]
Airport Operations Tool	Information Exchange [EA FY13]
Airport Operator	Organization [IWP FY13]
Airport Planning Office	Operational Node [EA FY13]
Airport Planning Office - Airport Management Office	Need Line [EA FY13]
Airport Planning Office - Airport Management Office	Need Line [EA FY13]
Airport Planning Office - Airside Operations Personnel	Need Line [EA FY13]
Airport Planning Office - Governance Body (Airport)	Need Line [EA FY13]
Airport Planning Office - Governance Body (Airport)	Need Line [EA FY13]
Airport Planning Office - Landside Operations Personnel	Need Line [EA FY13]
Airport Planning Office - Maintenance Personnel (Airport)	Need Line [EA FY13]
Airport Planning Office - Maintenance Personnel (Airport)	Need Line [EA FY13]
Airport Planning Office - Pilot	Need Line [EA FY13]
Airport Planning Office - Program Management Office (ANSP)	Need Line [EA FY13]
Airport Planning Office - Program Management Office (ANSP)	Need Line [EA FY13]
Airport Planning/Engineering Office	ICOM Arrow [EA FY13]
Airport Planning/Engineering Office	Operational Node [EA FY13]
Airport Planning/Engineering Office - R&D Personnel (ANSP)	Need Line [EA FY13]
Airport Surface Surveillance - Legacy ASDE-X (EN1025)	ICOM Arrow [EA FY13]
Airport Surface Surveillance - Legacy ASDE-X (EN1025)	Information Exchange [EA FY13]
Airport Surveillance Video (EN1406)	ICOM Arrow [EA FY13]
Airport Surveillance Video (EN1406)	Information Exchange [EA FY13]
Airside Operations Personnel	ICOM Arrow [EA FY13]
Airside Operations Personnel	Operational Node [EA FY13]
Airside Operations Personnel - Security Personnel	Need Line [EA FY13]
Airspace Capacity Estimate	ICOM Arrow [EA FY13]
Airspace Capacity Estimate	Information Exchange [EA FY13]

Architecture Element	Type
Airspace Design	ICOM Arrow [EA FY13]
Airspace Design	Information Exchange [EA FY13]
Airspace Operational Configuration	ICOM Arrow [EA FY13]
Airspace Operational Configuration	Information Exchange [EA FY13]
Airspace Planning Information	ICOM Arrow [EA FY13]
Airspace Planning Information	Information Exchange [EA FY13]
Airspace Planning Tool	ICOM Arrow [EA FY13]
Airspace Planning Tool	Information Exchange [EA FY13]
Allocate Airspace Resources	Operational Activity [EA FY13]
Analyze Weather Data	System Function [EA FY13]
Analyze Weather Information	Operational Activity [EA FY13]
Approved Flight Plan	ICOM Arrow [EA FY13]
Approved Flight Plan	Information Exchange [EA FY13]
Arrival Report	ICOM Arrow [EA FY13]
Arrival Report	Information Exchange [EA FY13]
Assess Short-Term Air Navigation Service Performance	Operational Activity [EA FY13]
Assess Short-Term Airport Asset Performance	Operational Activity [EA FY13]
Assess Short-Term Surveillance Service Performance	Operational Activity [EA FY13]
Assess Short-Term Weather Service Performance	Operational Activity [EA FY13]
Assess Weather Observation System Controls	System Function [EA FY13]
Assign Spacing and Sequencing for Approach	Operational Activity [EA FY13]
Atmospheric Conditions	ICOM Arrow [EA FY13]
Atmospheric Conditions	Information Exchange [EA FY13]
Authorization (Boarding)	ICOM Arrow [EA FY13]
Authorization (Boarding)	Information Exchange [EA FY13]
Authorization (Enter Destination Country)	ICOM Arrow [EA FY13]
Authorization (Enter Destination Country)	Information Exchange [EA FY13]

Architecture Element	Type
Avionics	ICOM Arrow [EA FY13]
Avionics	Information Exchange [EA FY13]
Backup Surveillance System (EN1401)	ICOM Arrow [EA FY13]
Backup Surveillance System (EN1401)	Information Exchange [EA FY13]
Baggage	ICOM Arrow [EA FY13]
Baggage	Information Exchange [EA FY13]
Broadcast Own Position and Identity	System Function [EA FY13]
Capacity Manager	ICOM Arrow [EA FY13]
Capacity Manager	Operational Node [EA FY13]
Capacity Manager (ANSP) - Maintenance Personnel (ANSP)	Need Line [EA FY13]
Capacity Manager - Capacity Manager	Need Line [EA FY13]
Capacity Manager - Flight Operator Management Office	Need Line [EA FY13]
Capacity Manager - Flow Manager	Need Line [EA FY13]
Capacity Manager - Program Management Office (ANSP)	Need Line [EA FY13]
Capacity Manager - Strategic Controller	Need Line [EA FY13]
Capactiy Manager - Tactical Controller	Need Line [EA FY13]
Cargo	ICOM Arrow [EA FY13]
Cargo	Information Exchange [EA FY13]
Catalog Weather Data	System Function [EA FY13]
Certificate to Operate (Airport)	ICOM Arrow [EA FY13]
Certificate to Operate (Airport)	Information Exchange [EA FY13]
Certificate to Operate (Flight Operator)	ICOM Arrow [EA FY13]
Certificate to Operate (Flight Operator)	Information Exchange [EA FY13]
Certification Personnel (Airport)	ICOM Arrow [EA FY13]
Certification Personnel (Airport)	Information Exchange [EA FY13]
Certification Personnel (Airport)	Operational Node [EA FY13]
Certification Personnel (Airport) - Airline Operationsl Personnel	Need Line [EA FY13]

Architecture Element	Type
Certification Personnel (Airport) - Airport Planning/Engineering Office	Need Line [EA FY13]
Certification Personnel (Airport) - Airside Operations Personnel	Need Line [EA FY13]
Certification Personnel (Airport) - Maintenance Personnel (Airport)	Need Line [EA FY13]
Certification Personnel (Airport) - Ramp Controller	Need Line [EA FY13]
Certification Personnel (Airport) - Security Personnel (Airport)	Need Line [EA FY13]
Certification Personnel (Airprot) - Airside Operations Personnel	Need Line [EA FY13]
Certification Personnel (Flight Operator)	ICOM Arrow [EA FY13]
Certification Personnel (Flight Operator)	Information Exchange [EA FY13]
Certification Personnel (Flight Operator)	Operational Node [EA FY13]
Certification Personnel (Flight Operator) - Dispatch - Flight Planner	Need Line [EA FY13]
Certify Fixed-Object Information	Operational Activity [EA FY13]
Change Request (Air Navigation)	ICOM Arrow [EA FY13]
Change Request (Air Navigation)	Information Exchange [EA FY13]
Change Request (Airport)	ICOM Arrow [EA FY13]
Change Request (Airport)	Information Exchange [EA FY13]
Change Request (Fixed-Object)	ICOM Arrow [EA FY13]
Change Request (Fixed-Object)	Information Exchange [EA FY13]
Change Request (Surveillance)	ICOM Arrow [EA FY13]
Change Request (Surveillance)	Information Exchange [EA FY13]
Change Request (Weather)	ICOM Arrow [EA FY13]
Change Request (Weather)	Information Exchange [EA FY13]
Classify Object	System Function [EA FY13]
Clearance Approval (ANSP)	ICOM Arrow [EA FY13]
Clearance Approval (ANSP)	Information Exchange [EA FY13]
Clearance Approval (Airport)	ICOM Arrow [EA FY13]
Clearance Approval (Airport)	Information Exchange [EA FY13]
Clearance Approval (Approach)	ICOM Arrow [EA FY13]

Architecture Element	Type
Clearance Approval (Approach)	Information Exchange [EA FY13]
Clearance Approval (Arrival Gate)	ICOM Arrow [EA FY13]
Clearance Approval (Arrival Gate)	Information Exchange [EA FY13]
Clearance Approval (Arrival Taxi)	ICOM Arrow [EA FY13]
Clearance Approval (Arrival Taxi)	Information Exchange [EA FY13]
Clearance Approval (Departure Taxi)	ICOM Arrow [EA FY13]
Clearance Approval (Departure Taxi)	Information Exchange [EA FY13]
Clearance Approval (Land)	ICOM Arrow [EA FY13]
Clearance Approval (Land)	Information Exchange [EA FY13]
Clearance Approval (Push-back)	ICOM Arrow [EA FY13]
Clearance Approval (Push-back)	Information Exchange [EA FY13]
Clearance Approval (Ramp GSE)	ICOM Arrow [EA FY13]
Clearance Approval (Ramp GSE)	Information Exchange [EA FY13]
Clearance Approval (Take-off)	ICOM Arrow [EA FY13]
Clearance Approval (Take-off)	Information Exchange [EA FY13]
Clearance Approval (Taxiway GSE)	ICOM Arrow [EA FY13]
Clearance Approval (Taxiway GSE)	Information Exchange [EA FY13]
Clearance Request (ANSP)	ICOM Arrow [EA FY13]
Clearance Request (ANSP)	Information Exchange [EA FY13]
Clearance Request (Airport)	ICOM Arrow [EA FY13]
Clearance Request (Airport)	Information Exchange [EA FY13]
Clearance Request (Approach)	ICOM Arrow [EA FY13]
Clearance Request (Approach)	Information Exchange [EA FY13]
Clearance Request (Arrival Gate)	ICOM Arrow [EA FY13]
Clearance Request (Arrival Gate)	Information Exchange [EA FY13]
Clearance Request (Arrival Taxi)	ICOM Arrow [EA FY13]
Clearance Request (Arrival Taxi)	Information Exchange [EA FY13]

Architecture Element	Type
Clearance Request (Departure Taxi)	ICOM Arrow [EA FY13]
Clearance Request (Departure Taxi)	Information Exchange [EA FY13]
Clearance Request (Land)	ICOM Arrow [EA FY13]
Clearance Request (Land)	Information Exchange [EA FY13]
Clearance Request (Push-back)	ICOM Arrow [EA FY13]
Clearance Request (Push-back)	Information Exchange [EA FY13]
Clearance Request (Ramp GSE)	ICOM Arrow [EA FY13]
Clearance Request (Ramp GSE)	Information Exchange [EA FY13]
Clearance Request (Take-off)	ICOM Arrow [EA FY13]
Clearance Request (Take-off)	Information Exchange [EA FY13]
Clearance Request (Taxiway GSE)	ICOM Arrow [EA FY13]
Clearance Request (Taxiway GSE)	Information Exchange [EA FY13]
Climatology Information	ICOM Arrow [EA FY13]
Climatology Information	Information Exchange [EA FY13]
Collect Cataloged Observations	System Function [EA FY13]
Collect Object Position and Identity Messages	System Function [EA FY13]
Communications Tool	ICOM Arrow [EA FY13]
Communications Tool	Information Exchange [EA FY13]
Community Stakeholder Input	ICOM Arrow [EA FY13]
Community Stakeholder Input	Information Exchange [EA FY13]
Conduct ANSP Operations	Operational Activity [EA FY13]
Conduct Air Navigation R&D	Operational Activity [EA FY13]
Conduct Air Transportation Services	Operational Activity [EA FY13]
Conduct Aircraft Approach	Operational Activity [EA FY13]
Conduct Aircraft Departure	Operational Activity [EA FY13]
Conduct Aircraft Flight	Operational Activity [EA FY13]
Conduct Airport Operations	Operational Activity [EA FY13]

Architecture Element	Type
Conduct Airport R&D	Operational Activity [EA FY13]
Conduct Cooperative Surveillance	Operational Activity [EA FY13]
Conduct Core Enterprise Services Management	Operational Activity [EA FY13]
Conduct Environment Control	Operational Activity [EA FY13]
Conduct Environmental Reviews	Operational Activity [EA FY13]
Conduct Flight Operator Business Activities	Operational Activity [EA FY13]
Conduct Gate Operations	Operational Activity [EA FY13]
Conduct Network Management	Operational Activity [EA FY13]
Conduct Non-Cooperative Surveillance	Operational Activity [EA FY13]
Conduct Pre-Flight Activities	Operational Activity [EA FY13]
Conduct Surveillance R&D	Operational Activity [EA FY13]
Conduct Weather R&D	Operational Activity [EA FY13]
Configure Airspace for Near-Term Demand	Operational Activity [EA FY13]
Conflict Message	ICOM Arrow [EA FY13]
Conflict Message	Information Exchange [EA FY13]
Consolidate Fixed-Object Information	Operational Activity [EA FY13]
Consumer Demand Estimate	ICOM Arrow [EA FY13]
Consumer Demand Estimate	Information Exchange [EA FY13]
Control Aircraft En Route	Operational Activity [EA FY13]
Control Aircraft Separation	Operational Activity [EA FY13]
Control Departure/Arrival Queue	Operational Activity [EA FY13]
Control Ramp Movement	Operational Activity [EA FY13]
Control Weather Observation System	System Function [EA FY13]
Cooperative Surveillance (Multilateration) (EN1405)	ICOM Arrow [EA FY13]
Cooperative Surveillance (Multilateration) (EN1405)	Information Exchange [EA FY13]
Cooperative Surveillance - ADS-B IN/TIS-B/FIS-B (EN1400,1503,1504)	ICOM Arrow [EA FY13]
Cooperative Surveillance - ADS-B IN/TIS-B/FIS-B (EN1400,1503,1504)	Information Exchange [EA FY13]

Architecture Element	Type
Cooperative Surveillance - ADS-B Out (EN1023,1500,1501,1502)	ICOM Arrow [EA FY13]
Cooperative Surveillance - ADS-B Out (EN1023,1500,1501,1502)	Information Exchange [EA FY13]
Cooperative Surveillance - ADS-C (EN1700)	ICOM Arrow [EA FY13]
Cooperative Surveillance - ADS-C (EN1700)	Information Exchange [EA FY13]
Cooperative Surveillance - Ground Equipment (EN1005)	ICOM Arrow [EA FY13]
Cooperative Surveillance - Ground Equipment (EN1005)	Information Exchange [EA FY13]
Cooperative Surveillance - Legacy ATCBI-6 (EN1019)	ICOM Arrow [EA FY13]
Cooperative Surveillance - Legacy ATCBI-6 (EN1019)	Information Exchange [EA FY13]
Cooperative Surveillance - Legacy Mode S. (EN1018)	ICOM Arrow [EA FY13]
Cooperative Surveillance - Legacy Mode S. (EN1018)	Information Exchange [EA FY13]
Cooperative Surveillance - PRM (EN1024, 1404)	ICOM Arrow [EA FY13]
Cooperative Surveillance - PRM (EN1024, 1404)	Information Exchange [EA FY13]
Cooperative Surveillance Message	ICOM Arrow [EA FY13]
Cooperative Surveillance Message	Information Exchange [EA FY13]
Create Air Navigation Plan	Operational Activity [EA FY13]
Create Airport Plan	Operational Activity [EA FY13]
Create Governance	Operational Activity [EA FY13]
Create Proposed Flight Plan	Operational Activity [EA FY13]
Create Surveillance Plan	Operational Activity [EA FY13]
Create Weather Plan	Operational Activity [EA FY13]
Cross-Agency Agreement	ICOM Arrow [EA FY13]
Cross-Agency Agreement	Information Exchange [EA FY13]
D-0010 Coordination and Dissemination Requirements for Special Activity Airspace (SAA)	Development Activity [IWP FY13]
D-0030 Planning, Collaboration, and Coordination Functions for Airspace Security	Development Activity [IWP FY13]
D-0150 Collaborative Negotiation Capabilities for Expanded Oceanic Track Entry Points	Development Activity [IWP FY13]
D-0160 SMS Standard	Development Activity [IWP FY13]
D-0170 Safety Information Sharing Environment	Development Activity [IWP FY13]

Architecture Element	Type
D-0190 Threat-Vector Analysis Capability	Development Activity [IWP FY13]
D-0240 Facility and Networking Alternatives	Development Activity [IWP FY13]
D-0250 PNT Complementary and Backup System Strategy	Development Activity [IWP FY13]
D-0260 Development of NextGen Interagency NCI Requirements	Development Activity [IWP FY13]
D-0320 Adaptive Weather Observation Capabilities	Development Activity [IWP FY13]
D-0330 Aircraft-Based Precision Approach Capability	Development Activity [IWP FY13]
D-0360 Requirements for Taxi Instructions Submission	Development Activity [IWP FY13]
D-0400 Time-Based Metering of Flows Transitioning into High-Density Terminal Areas	Development Activity [IWP FY13]
D-0420 NAS-Wide Aggregate Flow Models	Development Activity [IWP FY13]
D-0440 Secure and Certified Supply Chain Entity	Development Activity [IWP FY13]
D-0450 Common Situational Awareness Capability	Development Activity [IWP FY13]
D-0460 Enterprise Airport Security Data Management System	Development Activity [IWP FY13]
D-0480 Reduced Oceanic Separation Standards and Procedures	Development Activity [IWP FY13]
D-0490 5nm Non-Radar Separation Standards and Procedures	Development Activity [IWP FY13]
D-0520 Trajectory Prediction Methodologies for New Vehicle Classes	Development Activity [IWP FY13]
D-0560 Airport Information Architecture	Development Activity [IWP FY13]
D-0710 Baggage/Cargo/Mail Monitoring System	Development Activity [IWP FY13]
D-0730 Security Incident Management System	Development Activity [IWP FY13]
D-0750 "Drop-In" Alternative Aviation Fuels	Development Activity [IWP FY13]
D-0830 Trajectory Negotiation Protocols for Air and Ground Information Architectures	Development Activity [IWP FY13]
D-0840 Weather Forecast Assessment Verification System	Development Activity [IWP FY13]
D-0850 Network-Enabled Weather Information System	Development Activity [IWP FY13]
D-0870 Mixed Equipage Trajectory-Based Routes and Advanced OPD Operations	Development Activity [IWP FY13]
D-0880 Terminal and Surface Low Visibility ConOps	Development Activity [IWP FY13]
D-0890 Dynamic Wake Management for Single Runway Operations	Development Activity [IWP FY13]
D-0920 Advanced Scheduling Decision Support Tool Enhancements	Development Activity [IWP FY13]
D-0970 Real-Time Airport Intruder Identification and Tracking System	Development Activity [IWP FY13]

Architecture Element	Type
D-1010 NextGen Vehicle Technologies	Development Activity [IWP FY13]
D-1020 NextGen (N+1) EMS Analysis Tools	Development Activity [IWP FY13]
D-1070 Development of NextGen Interagency Net-Centric Security Requirements	Development Activity [IWP FY13]
D-1090 Dynamic Airspace Reconfiguration	Development Activity [IWP FY13]
D-1180 Aircraft Explosives Detection and Mitigation	Development Activity [IWP FY13]
D-1200 Guidance for Trajectory-Based Procedures	Development Activity [IWP FY13]
D-1210 Dynamically Adjusting Airspace Boundaries Procedures and Decision Support Tool Enhancements	Development Activity [IWP FY13]
D-1220 Development of Weather Hazard Severity Indices	Development Activity [IWP FY13]
D-1250 Safe Taxi Operations in Low Visibility Conditions	Development Activity [IWP FY13]
D-1320 Missile Defense Systems for Commercial Aircraft	Development Activity [IWP FY13]
D-1360 Virtual Tower Capability	Development Activity [IWP FY13]
D-1420 Business Continuity Requirements for Networked Facilities	Development Activity [IWP FY13]
D-1530 Spatial Weather Prediction Models for the 4D Weather Cube	Development Activity [IWP FY13]
D-1550 Augmentation Strategy for GNSS	Development Activity [IWP FY13]
D-1560 Flight Risk Assessment Algorithms	Development Activity [IWP FY13]
D-1640 Wind-Dependent Wake Vortex Arrival Procedures and Tools	Development Activity [IWP FY13]
D-1680 Advanced Wake Sensing Capabilities	Development Activity [IWP FY13]
D-1700 System Risk Assessment and Management Models	Development Activity [IWP FY13]
D-1710 Risk Reducing Interfaces, Procedures, and Training	Development Activity [IWP FY13]
D-1730 Aircraft Procedures and Control Technologies to Reduce Environmental Impacts	Development Activity [IWP FY13]
D-1740 Environmental Impact Management Capability	Development Activity [IWP FY13]
D-1820 Foreign GNSS Usage Strategy	Development Activity [IWP FY13]
D-1830 National PNT Architecture Strategy	Development Activity [IWP FY13]
D-2100 Complex System Validation and Verification Tools and Techniques	Development Activity [IWP FY13]
D-2110 Environmental Metrics of New and Alternative Vehicle Classes	Development Activity [IWP FY13]
D-2111 Threat Detection and Screening Technologies	Development Activity [IWP FY13]
D-2113 Operating Procedures for Human Forecasters using Automated Systems	Development Activity [IWP FY13]

Architecture Element	Type
D-2115 Initial Probabilistic Weather Forecasts	Development Activity [IWP FY13]
D-2117 Network-Enabled Weather Data Standards	Development Activity [IWP FY13]
D-2121 NextGen ALS	Development Activity [IWP FY13]
D-2123 Aircraft Systems Weather Mitigation Requirements	Development Activity [IWP FY13]
D-2125 Situational Awareness Technologies in Low-Visibility and Surface Operations	Development Activity [IWP FY13]
D-2127 3D RNAV/RNP Procedures	Development Activity [IWP FY13]
D-2129 Required Aircraft 4DT Intent Data	Development Activity [IWP FY13]
D-2131 Required Oceanic Flight Profile Information	Development Activity [IWP FY13]
D-2133 Air and Ground-based Runway Incursion Detection Technology	Development Activity [IWP FY13]
D-2135 Air and Ground Separation Management Architecture	Development Activity [IWP FY13]
D-2137 Performance Requirements for Aircraft-Based CNS Technologies in Self Separation Airspace	Development Activity [IWP FY13]
D-2139 ULS Conventional Jet Fuels	Development Activity [IWP FY13]
D-2141 Methodologies and Metrics to Assess Aviation's Impact on Climate Change	Development Activity [IWP FY13]
D-2143 National Surveillance Architecture	Development Activity [IWP FY13]
D-2145 Vulnerability Detection Tools	Development Activity [IWP FY13]
D-2147 Airborne Collision Avoidance Back-up System	Development Activity [IWP FY13]
D-2149 Contributing Factor Analysis Tools	Development Activity [IWP FY13]
D-2151 Prognostic Risk Management Tools	Development Activity [IWP FY13]
D-2153 Fault Management Tools	Development Activity [IWP FY13]
D-2155 Availability and Accessibility of Required Information Design Guidelines	Development Activity [IWP FY13]
D-2157 Usefulness and Understandability of Information Design Guidelines	Development Activity [IWP FY13]
D-2159 Appropriate Human Engagement Design Guidelines	Development Activity [IWP FY13]
D-2161 Operational Decision Aids Design Guidelines	Development Activity [IWP FY13]
D-2163 Reliability and Airworthiness of Aircraft Design Guidelines	Development Activity [IWP FY13]
D-2165 Vehicle Systems Health Management Design Guidelines	Development Activity [IWP FY13]
D-2167 Reliability and Accuracy of Data and Information Design Guidelines	Development Activity [IWP FY13]
D-2169 Aircraft Conformance to Operations Requirements Design Guidelines	Development Activity [IWP FY13]

Architecture Element	Type
D-2171 Aircraft System Contributions to Survival in Crash Scenarios Design Guidelines	Development Activity [IWP FY13]
D-2173 Ground-Based Systems Health Management Design Guidelines	Development Activity [IWP FY13]
D-2175 Ground-Based System Conformance Design Guidelines	Development Activity [IWP FY13]
D-2177 Ground-Based System Contribution to Survival in Crash Scenarios Design Guidelines	Development Activity [IWP FY13]
D-2179 Enhanced Ground-Based Weather Sensors	Development Activity [IWP FY13]
D-2191 Enhanced Airborne-Based Weather Sensors	Development Activity [IWP FY13]
D-2193 Enhanced Space-Based Weather Sensors	Development Activity [IWP FY13]
D-2194 Net Enabled Operations Prototype Development/Evaluation	Development Activity [IWP FY13]
D-2195 Enhanced Deployable Flight Security Data Collection and Cause Determination	Development Activity [IWP FY13]
D-2205 Tactical Conflict Detection and Resolution Decision Support Tool Enhancements	Development Activity [IWP FY13]
D-2207 Traffic Management Initiatives Decision Support Enhancement	Development Activity [IWP FY13]
D-2209 Multi-Sector Planner Decision Support Tools	Development Activity [IWP FY13]
D-2211 Surface Management System	Development Activity [IWP FY13]
D-2213 Flight Deck Conflict Detection and Resolution	Development Activity [IWP FY13]
D-2215 Information Sharing Protocols in a Metroplex Environment	Development Activity [IWP FY13]
D-2217 Implementation of Metroplex Concept	Development Activity [IWP FY13]
DHS	Organization [IWP FY13]
DOC	Organization [IWP FY13]
DOD	Organization [IWP FY13]
DOD-DOT	Organization [IWP FY13]
DOD-FAA	Organization [IWP FY13]
DOE	Organization [IWP FY13]
DOJ	Organization [IWP FY13]
DOS	Organization [IWP FY13]
DOT	Organization [IWP FY13]
De-Icing/Anti-icing Report	ICOM Arrow [EA FY13]
De-Icing/Anti-icing Report	Information Exchange [EA FY13]

Architecture Element	Type
Define Capabilities	Operational Activity [EA FY13]
Define Service Level Agreements	Operational Activity [EA FY13]
Delegate Separation Control	Operational Activity [EA FY13]
Departure Report	ICOM Arrow [EA FY13]
Departure Report	Information Exchange [EA FY13]
Design Documentation (Air Navigation)	ICOM Arrow [EA FY13]
Design Documentation (Air Navigation)	Information Exchange [EA FY13]
Design Documentation (Airport)	ICOM Arrow [EA FY13]
Design Documentation (Airport)	Information Exchange [EA FY13]
Design Documentation (Fixed-Object)	ICOM Arrow [EA FY13]
Design Documentation (Fixed-Object)	Information Exchange [EA FY13]
Design Documentation (Surveillance)	ICOM Arrow [EA FY13]
Design Documentation (Surveillance)	Information Exchange [EA FY13]
Design Documentation (Weather)	ICOM Arrow [EA FY13]
Design Documentation (Weather)	Information Exchange [EA FY13]
Determine Aircraft Altitude	System Function [EA FY13]
Determine Aircraft Routes & Timing	Operational Activity [EA FY13]
Determine Airspace Capacity	Operational Activity [EA FY13]
Determine Airspace Near-Term Demand	Operational Activity [EA FY13]
Determine Object Surveillance Data	System Function [EA FY13]
Determine Own Position and Velocity	System Function [EA FY13]
Determine Separation Clearance	Operational Activity [EA FY13]
Develop Daily Operations Plan	Operational Activity [EA FY13]
Develop Future Airspace Design	Operational Activity [EA FY13]
Develop Long-Term Air Navigation Service Improvement Plan	Operational Activity [EA FY13]
Develop Long-Term Airport Improvement Plan	Operational Activity [EA FY13]
Develop Long-Term Operations Plan	Operational Activity [EA FY13]

Architecture Element	Type
Develop Long-Term Surveillance Service Improvement Plan	Operational Activity [EA FY13]
Develop Long-Term Weather Service Improvement Plan	Operational Activity [EA FY13]
Develop Performance/ Integration Requirements	Operational Activity [EA FY13]
Develop Short-Term Air Navigation Service Adjustment Plan	Operational Activity [EA FY13]
Develop Short-Term Airport Adjustment Plan	Operational Activity [EA FY13]
Develop Short-Term Surveillance Service Adjustment Plan	Operational Activity [EA FY13]
Develop Short-Term Weather Service Adjustment Plan	Operational Activity [EA FY13]
Develop Strategy	Operational Activity [EA FY13]
Dispatch	Operational Node [EA FY13]
Dispatch - Flight Follower	ICOM Arrow [EA FY13]
Dispatch - Flight Follower	Operational Node [EA FY13]
Dispatch - Flight Follower - Flow Manager	Need Line [EA FY13]
Dispatch - Flight Follower - Strategic Controller	Need Line [EA FY13]
Dispatch - Flight Follower - Tactical Controller	Need Line [EA FY13]
Dispatch - Flight Planner	ICOM Arrow [EA FY13]
Dispatch - Flight Planner	Operational Node [EA FY13]
Dispatch - Flight Planner - Certification Personnel (Flight Planner)	Need Line [EA FY13]
Dispatch - Flight Planner - Flow Manager	Need Line [EA FY13]
Dispatch-Flight Follower - Pilot	Need Line [EA FY13]
Display Surveillance Picture	System Function [EA FY13]
Display Weather Model Outputs	System Function [EA FY13]
EN-0002 Network-Enabled Flight Object Information	Enabler [IWP FY13]
EN-0003 4D Flight Plan Management Decision Support - Level 2	Enabler [IWP FY13]
EN-0004 4D Flight Plan Automation - ANSP	Enabler [IWP FY13]
EN-0005 4D Flight Plan Automation - Operator	Enabler [IWP FY13]
EN-0006 4D Flight Plan Management Decision Support - Level 1	Enabler [IWP FY13]
EN-0007 High-Density Arrival/Departure Detail Operational Concept	Enabler [IWP FY13]

Architecture Element	Type
EN-0008 Trajectory Negotiation - Level 1 Controlled Time of Arrival (CTA)	Enabler [IWP FY13]
EN-0009 Integrated Trajectory/Separation Management - Terminal	Enabler [IWP FY13]
EN-0016 Separation/Trajectory Management Detail Operational Concept	Enabler [IWP FY13]
EN-0017 Trajectory Negotiation - Level 3 Automation-Assisted 4DTs	Enabler [IWP FY13]
EN-0018 Trajectory Negotiation - Level 4 Automated 4DTs	Enabler [IWP FY13]
EN-0019 Virtual Tower - Detail Operational Concept	Enabler [IWP FY13]
EN-0020 Staffed Virtual Tower Capability	Enabler [IWP FY13]
EN-0021 Automated Virtual Tower - Level 1 Single Runway Airport	Enabler [IWP FY13]
EN-0022 Automated Virtual Tower - Level 2 Multiple Runway Airport	Enabler [IWP FY13]
EN-0023 Surface Movement - Detail Operational Concept	Enabler [IWP FY13]
EN-0026 Surface Movement Decision Support - Level 2 Mid Term	Enabler [IWP FY13]
EN-0027 Metroplex Flow Management Decision Support	Enabler [IWP FY13]
EN-0028 Avionics - Access to Airspace Boundary Information	Enabler [IWP FY13]
EN-0029 Wake Detection/Prediction w/Dynamic Wake Spacing - Level 1 Wake Drift	Enabler [IWP FY13]
EN-0030 Wake Detection/Prediction w/Dynamic Wake Spacing - Level 2 Wake Drift/Decay	Enabler [IWP FY13]
EN-0031 Avionics - Airborne Merging and Spacing	Enabler [IWP FY13]
EN-0032 Avionics - Airborne Self-Separation	Enabler [IWP FY13]
EN-0033 Airspace/Capacity/Flow Contingency Management Decision Support - Level 1	Enabler [IWP FY13]
EN-0034 Trajectory Management Decision Support - Level 1	Enabler [IWP FY13]
EN-0035 Separation Management Decision Support - Level 1	Enabler [IWP FY13]
EN-0036 Airspace/Capacity/Flow Contingency Management Decision Support - Level 2 Limited Dynamic	Enabler [IWP FY13]
EN-0037 Trajectory Management Decision Support - Level 2	Enabler [IWP FY13]
EN-0038 Separation Management Decision Support - Level 2	Enabler [IWP FY13]
EN-0039 UAS Detail Operation Concept	Enabler [IWP FY13]
EN-0100 Surface Movement Decision Support - Level 1 Initial	Enabler [IWP FY13]
EN-0101 Avionics - Enhanced Obstacle Detection	Enabler [IWP FY13]
EN-0103 Avionics - Trajectory Management - Arrival/Departure	Enabler [IWP FY13]

Architecture Element	Type
EN-0106 Avionics - Delegated Separation Acknowledgement Information	Enabler [IWP FY13]
EN-0109 Avionics - Surface Conflict Management	Enabler [IWP FY13]
EN-0110 Trajectory Negotiation - Level 2 En Route Time-Based Metering	Enabler [IWP FY13]
EN-0150 Wake Vortex Configuration Advisory Decision Support - Level 1 Static Drift Only	Enabler [IWP FY13]
EN-0151 Wake Vortex Configuration Advisory Decision Support - Level 2 Dynamic Drift	Enabler [IWP FY13]
EN-0152 Wake Vortex Configuration Advisory Decision Support - Level 3 Dynamic Drift/Decay	Enabler [IWP FY13]
EN-0160 Oceanic Web Enabled Collaborative Trajectory Planning	Enabler [IWP FY13]
EN-0161 Oceanic Trajectory - 4DT En Route	Enabler [IWP FY13]
EN-0162 Development of Flexible Oceanic Entry Points	Enabler [IWP FY13]
EN-0169 In-Trail Oceanic Separation Using ADS-B	Enabler [IWP FY13]
EN-0170 Special Activity Airspace (SAA) Management Decision Support - Level 1	Enabler [IWP FY13]
EN-0171 Special Activity Airspace (SAA) Management Decision Support - Level 2	Enabler [IWP FY13]
EN-0180 Airspace/Capacity/Flow Contingency Management Decision Support - Level 3 Dynamic	Enabler [IWP FY13]
EN-0200 Avionics - Traffic Display Level 2	Enabler [IWP FY13]
EN-0201 Avionics - Required Navigation Performance (Legacy)	Enabler [IWP FY13]
EN-0202 Avionics - Traffic Display Level 1 Cockpit Display of Traffic Information (CDTI)	Enabler [IWP FY13]
EN-0203 Avionics - Airborne Collision Avoidance - Level 1	Enabler [IWP FY13]
EN-0206 Aeronautical Information Management	Enabler [IWP FY13]
EN-0207 Aeronautical Information Management - Enhanced	Enabler [IWP FY13]
EN-0210 Flexible Routing Flight Plan Automation - Operator	Enabler [IWP FY13]
EN-0212 Parameter Driven Aircraft Separation Standards and Procedures	Enabler [IWP FY13]
EN-0213 Manage Airspace to Flow	Enabler [IWP FY13]
EN-0214 Flight Data Management System	Enabler [IWP FY13]
EN-0215 Paired Approach Guidance	Enabler [IWP FY13]
EN-0216 Aircraft Systems - Low Visibility Alleviation - Enhanced Vision System (EVS) - Level 2	Enabler [IWP FY13]

Architecture Element	Type
EN-0217 Aircraft Systems - Low Visibility Alleviation - Enhanced Vision System (EVS) - Level 3	Enabler [IWP FY13]
EN-0218 Aircraft Systems - Low Visibility Alleviation - Synthetic Vision System (SVS) - Level 1	Enabler [IWP FY13]
EN-0219 Aircraft Systems - Low Visibility Alleviation - Synthetic Vision System (SVS) - Level 2	Enabler [IWP FY13]
EN-0220 Avionics - Airborne Collision Avoidance - Level 2	Enabler [IWP FY13]
EN-0221 Avionics - Airborne Collision Avoidance - Level 3	Enabler [IWP FY13]
EN-0222 Avionics - Airborne Collision Avoidance - Level 4	Enabler [IWP FY13]
EN-0223 Avionics - Multi-Function Displays and Weather Display Logic	Enabler [IWP FY13]
EN-0224 Avionics - Delegated Separation Digital Communications	Enabler [IWP FY13]
EN-0225 Avionics - Surface Moving Map (Legacy) - Level 1	Enabler [IWP FY13]
EN-0226 Avionics - Surface Moving Map - Level 2	Enabler [IWP FY13]
EN-0227 Avionics - Area Navigation (Legacy)	Enabler [IWP FY13]
EN-0228 Avionics - Trajectory Negotiation and Automation	Enabler [IWP FY13]
EN-0229 Avionics - Trajectory Based TAWS	Enabler [IWP FY13]
EN-0300 Networked Air Navigation Support Facilities	Enabler [IWP FY13]
EN-0301 Performance-Based Separation Standards and Procedures	Enabler [IWP FY13]
EN-1002 Non-Cooperative Surveillance - Ground Broadcast Ground	Enabler [IWP FY13]
EN-1003 Non-Cooperative Surveillance Information Service	Enabler [IWP FY13]
EN-1005 Cooperative Surveillance - Ground Equipment	Enabler [IWP FY13]
EN-1006 Integrated Cooperative Surveillance Information - Level 1	Enabler [IWP FY13]
EN-1007 Avionics - Surface Moving Map Display with Taxi Clearance	Enabler [IWP FY13]
EN-1010 Future Radio Spectrum	Enabler [IWP FY13]
EN-1015 Enterprise Network Management Standards	Enabler [IWP FY13]
EN-1016 Enterprise Networks Infrastructure Services Standards	Enabler [IWP FY13]
EN-1017 Non-Cooperative Surveillance Legacy LRR	Enabler [IWP FY13]
EN-1018 Cooperative Surveillance - Legacy Mode S.	Enabler [IWP FY13]
EN-1019 Cooperative Surveillance - Legacy ATCBI-6	Enabler [IWP FY13]

Architecture Element	Type
EN-1020 Non-Cooperative Surveillance Legacy ASR-8	Enabler [IWP FY13]
EN-1021 Non-Cooperative Surveillance - Legacy ASR-9	Enabler [IWP FY13]
EN-1022 Air Surveillance - Legacy ASR-11	Enabler [IWP FY13]
EN-1023 Cooperative Surveillance - ADS-B Out Level 1	Enabler [IWP FY13]
EN-1024 Cooperative Surveillance - PRM Level 1	Enabler [IWP FY13]
EN-1025 Airport Surface Surveillance - Legacy ASDE-X	Enabler [IWP FY13]
EN-1032 Radio-Based Voice Network - Legacy VHF/UHF	Enabler [IWP FY13]
EN-1033 Fixed Radio - Data Communications Level 1	Enabler [IWP FY13]
EN-1035 Ground Voice Network- (Legacy Voice Communications)	Enabler [IWP FY13]
EN-1036 Ground Voice Network - NAS Voice Switch Level 1	Enabler [IWP FY13]
EN-1037 Ground Voice Network - NAS Voice Switch Level 2	Enabler [IWP FY13]
EN-1039 GBNS - DME Legacy	Enabler [IWP FY13]
EN-1041 Space Based Navigation System - GPS Aviation Dual Frequency	Enabler [IWP FY13]
EN-1042 Space Based Navigation System - GPS Enhanced Accuracy/Integrity Monitoring	Enabler [IWP FY13]
EN-1043 Enterprise Networks Security Services Standards	Enabler [IWP FY13]
EN-1044 Space Based Navigation System - Multi-Constellation	Enabler [IWP FY13]
EN-1045 Space Based Augmentation System - WAAS	Enabler [IWP FY13]
EN-1048 Ground Voice Network - NAS Voice Switch Level 3	Enabler [IWP FY13]
EN-1049 Integrated Surveillance Information Service Level 1	Enabler [IWP FY13]
EN-1060 Radio Data Link - Legacy 1090/1030	Enabler [IWP FY13]
EN-1061 Fixed Radio - Data Communications Level 2	Enabler [IWP FY13]
EN-1062 Mobile Data Communications Management Applications - Level 1	Enabler [IWP FY13]
EN-1063 Mobile Data Communications Management Applications - Level 2	Enabler [IWP FY13]
EN-1064 Mobile Data Communications Management Applications - Level 3	Enabler [IWP FY13]
EN-1065 Ground Based Navigation System (GBNS) - Lighting Systems (Legacy)	Enabler [IWP FY13]
EN-1066 Ground Based Navigation System (GBNS) - NextGen Lighting Systems	Enabler [IWP FY13]
EN-1101 Enhanced NextGen PNT Services	Enabler [IWP FY13]

Architecture Element	Type
EN-1120 GBAS - Local Area Augmentation System (LAAS)	Enabler [IWP FY13]
EN-1143 Ground Based Navigation System (GBNS) - eLORAN	Enabler [IWP FY13]
EN-1144 Ground Based Navigation System (GBNS) - ILS Legacy	Enabler [IWP FY13]
EN-1160 Space Based Navigation System - GPS Legacy	Enabler [IWP FY13]
EN-1170 Integrated Ground and Air Network for Voice/Data	Enabler [IWP FY13]
EN-1180 Ground Integrated Voice/Data Network - Level 1	Enabler [IWP FY13]
EN-1181 Ground Integrated Voice/Data Network - Level 2	Enabler [IWP FY13]
EN-1190 Radio Data Link - Legacy General Aviation UAT	Enabler [IWP FY13]
EN-1201 Mobile Radio - Data Communications Level 1	Enabler [IWP FY13]
EN-1202 Mobile Radio - Data Communications Level 2	Enabler [IWP FY13]
EN-1203 Air - Ground Data Exchange - Data Communications Management Services - Tower	Enabler [IWP FY13]
EN-1204 Air - Ground Data Exchange - Data Communications Management Services - En Route	Enabler [IWP FY13]
EN-1205 Air - Ground Data Exchange - Data Communications Management Services - TRACON	Enabler [IWP FY13]
EN-1206 Air - Ground Data Exchange - Clearance and Instruction Services - Tower Group 1	Enabler [IWP FY13]
EN-1207 Air - Ground Data Exchange - Clearance and Instruction Services - Tower Group 2	Enabler [IWP FY13]
EN-1208 Air - Ground Data Exchange Clearance and Instruction Services - Tower Group 3	Enabler [IWP FY13]
EN-1209 Air - Ground Data Exchange - Clearance and Instructions Services - En Route Group 1	Enabler [IWP FY13]
EN-1210 Air - Ground Data Exchange - Clearance and Instructions Services - En Route Group 2	Enabler [IWP FY13]
EN-1211 Air - Ground Data Exchange - Clearance and Instructions Services - En Route Group 3	Enabler [IWP FY13]
EN-1212 Air - Ground Data Exchange - Clearance and Instructions Services - TRACON Group 1	Enabler [IWP FY13]
EN-1213 Air - Ground Data Exchange - Clearance and Instructions Services - TRACON Group 2	Enabler [IWP FY13]
EN-1214 Air - Ground Data Exchange - Clearance and Instructions Services - TRACON Group 3	Enabler [IWP FY13]
EN-1215 Air - Ground Data Exchange - FIS - Tower	Enabler [IWP FY13]
EN-1216 Air - Ground Data Exchange - FIS - En Route	Enabler [IWP FY13]
EN-1217 Air - Ground Data Exchange - FIS - TRACON	Enabler [IWP FY13]

Architecture Element	Type
EN-1219 Air - Ground Data Exchange - Advisory Services - Tower	Enabler [IWP FY13]
EN-1220 Air - Ground Data Exchange - Advisory Services - En Route Group 1	Enabler [IWP FY13]
EN-1221 Air - Ground Data Exchange - Advisory Services - En Route Group 2	Enabler [IWP FY13]
EN-1223 Air - Ground Data Exchange - Advisory Services - TRACON	Enabler [IWP FY13]
EN-1224 Air - Ground Data Exchange - Flight Position Intent Services - Multi Domain	Enabler [IWP FY13]
EN-1225 Air - Ground Data Exchange - Delegated Separation Services - Multi Domain	Enabler [IWP FY13]
EN-1229 Enterprise Networking Governance Model	Enabler [IWP FY13]
EN-1230 Enterprise Networking Governance Structure	Enabler [IWP FY13]
EN-1231 NextGen Enterprise Network - FAA	Enabler [IWP FY13]
EN-1234 NextGen Enterprise Network - DOC	Enabler [IWP FY13]
EN-1237 NextGen Enterprise Network - DOD	Enabler [IWP FY13]
EN-1240 NextGen Enterprise Network - DHS	Enabler [IWP FY13]
EN-1250 Information Sharing Standards: Flow Information	Enabler [IWP FY13]
EN-1251 Information Sharing Standards: Flight and Surveillance Information	Enabler [IWP FY13]
EN-1252 Information Sharing Standards: Airspace Information	Enabler [IWP FY13]
EN-1253 Information Sharing Standards: Aviation Safety Information	Enabler [IWP FY13]
EN-1254 Information Sharing Standards: Security Information	Enabler [IWP FY13]
EN-1255 Aeronautical Information Exchange Model	Enabler [IWP FY13]
EN-1270 Flow Information Services - FAA Group 1	Enabler [IWP FY13]
EN-1271 Flight and Surveillance Information Services - FAA Group 1	Enabler [IWP FY13]
EN-1272 Aeronautical Information Services (AIS) - FAA Group 1	Enabler [IWP FY13]
EN-1273 NextGen Weather Information Services - FAA Group 1	Enabler [IWP FY13]
EN-1274 NextGen Security Information Services - DHS Group 1	Enabler [IWP FY13]
EN-1400 Cooperative Surveillance - ADS-B IN/TIS-B/FIS-B Level 1	Enabler [IWP FY13]
EN-1401 Backup Surveillance System	Enabler [IWP FY13]
EN-1402 Integrated Surveillance Strategy	Enabler [IWP FY13]
EN-1404 Cooperative Surveillance - PRM Level 2	Enabler [IWP FY13]

Architecture Element	Type
EN-1405 Cooperative Surveillance (Multilateration)	Enabler [IWP FY13]
EN-1406 Airport Surveillance Video	Enabler [IWP FY13]
EN-1500 Cooperative Surveillance - ADS-B Out Level 2	Enabler [IWP FY13]
EN-1501 Cooperative Surveillance - ADS-B Out Level 3	Enabler [IWP FY13]
EN-1502 Cooperative Surveillance - ADS-B Out Level 4	Enabler [IWP FY13]
EN-1503 Cooperative Surveillance - ADS-B IN/TIS-B/FIS-B Level 2	Enabler [IWP FY13]
EN-1504 Cooperative Surveillance - ADS-B IN/TIS-B/FIS-B Level 3	Enabler [IWP FY13]
EN-1506 Integrated Cooperative Surveillance Information - Level 2	Enabler [IWP FY13]
EN-1507 Integrated Cooperative Surveillance Information - Level 3	Enabler [IWP FY13]
EN-1508 Integrated Cooperative Surveillance Information - Level 4	Enabler [IWP FY13]
EN-1510 Integrated Surveillance Information Service Level 2	Enabler [IWP FY13]
EN-1511 Integrated Surveillance Information Service Level 3	Enabler [IWP FY13]
EN-1512 Integrated Surveillance Information Service Level 4	Enabler [IWP FY13]
EN-1700 Cooperative Surveillance - ADS-C	Enabler [IWP FY13]
EN-1750 Radio Data Link: SATCOM	Enabler [IWP FY13]
EN-2010 NextGen 4D Weather Cube Information - Manual SAS Selection	Enabler [IWP FY13]
EN-2020 NextGen 4D Weather Cube Information - Automated SAS Selection	Enabler [IWP FY13]
EN-2030 NextGen 4D Weather Cube Information - Full NextGen	Enabler [IWP FY13]
EN-2040 NextGen Net-Enabled Operations Virtual 4D Weather Data Cube Governance Structure	Enabler [IWP FY13]
EN-2050 Information Sharing Standards: Weather Information	Enabler [IWP FY13]
EN-2060 Aviation Weather Information System - Network-enable Existing Systems	Enabler [IWP FY13]
EN-2070 Aircraft Systems - Aircraft-Ground-Aircraft Hazardous Weather Information Sharing	Enabler [IWP FY13]
EN-2080 Network-Enabled User-Defined Weather Information Request Function	Enabler [IWP FY13]
EN-2220 Network-Enabled Weather Observation System - Ground-Based	Enabler [IWP FY13]
EN-2221 Network-Enabled Weather Observation System - Ground-Based Enhanced	Enabler [IWP FY13]
EN-2222 Network-Enabled Weather Observation System - Ground-Based Advanced	Enabler [IWP FY13]
EN-2230 Network-Enabled Weather Observation System - Airborne - Major Carriers	Enabler [IWP FY13]

Architecture Element	Type
EN-2231 Network-Enabled Weather Observation System - Airborne Enhanced - High-End Aircraft	Enabler [IWP FY13]
EN-2232 Network-Enabled Weather Observation System - Airborne Advanced - UAS	Enabler [IWP FY13]
EN-2240 Network-Enabled Weather Observation System - Satellites	Enabler [IWP FY13]
EN-2241 Network-Enabled Weather Observation System - Satellites Enhanced	Enabler [IWP FY13]
EN-2242 Network-Enabled Weather Observation System - Satellites Advanced	Enabler [IWP FY13]
EN-2250 Network-Enabled Weather Observation System - Adaptive Control	Enabler [IWP FY13]
EN-2260 Integrated Network-Enabled Weather Observation System	Enabler [IWP FY13]
EN-2261 Integrated Network-Enabled Weather Observation System - Enhanced	Enabler [IWP FY13]
EN-2262 Integrated Network-Enabled Weather Observation System - Advanced	Enabler [IWP FY13]
EN-2410 Weather Forecasts - Consolidated Convective Storm	Enabler [IWP FY13]
EN-2411 Weather Forecasts - Consolidated Convective Storm - Enhanced	Enabler [IWP FY13]
EN-2412 Weather Forecasts - Consolidated Convective Storm - Advanced	Enabler [IWP FY13]
EN-2420 Weather Forecasts - Consolidated Icing	Enabler [IWP FY13]
EN-2421 Weather Forecasts - Consolidated Icing - Enhanced	Enabler [IWP FY13]
EN-2422 Weather Forecasts - Consolidated Icing - Advanced	Enabler [IWP FY13]
EN-2430 Weather Forecasts - Consolidated Turbulence	Enabler [IWP FY13]
EN-2431 Weather Forecasts - Consolidated Turbulence - Enhanced	Enabler [IWP FY13]
EN-2432 Weather Forecasts - Consolidated Turbulence - Advanced	Enabler [IWP FY13]
EN-2440 Weather Forecasts - Consolidated Ceiling and Visibility	Enabler [IWP FY13]
EN-2441 Weather Forecasts - Consolidated Ceiling and Visibility - Enhanced	Enabler [IWP FY13]
EN-2442 Weather Forecasts - Consolidated Ceiling and Visibility - Advanced	Enabler [IWP FY13]
EN-2451 Weather Forecasts - Volcanic Ash - Enhanced	Enabler [IWP FY13]
EN-2452 Weather Forecasts - Volcanic Ash - Advanced	Enabler [IWP FY13]
EN-2461 Weather Forecasts - Environment - Enhanced	Enabler [IWP FY13]
EN-2462 Weather Forecasts - Environment - Advanced	Enabler [IWP FY13]
EN-2481 Weather Forecasts - Space - Enhanced	Enabler [IWP FY13]
EN-2482 Weather Forecasts - Space - Advanced	Enabler [IWP FY13]

Architecture Element	Type
EN-2500 Improve Weather Models - Enhanced	Enabler [IWP FY13]
EN-2501 Improve Weather Models - Advanced	Enabler [IWP FY13]
EN-2520 Weather Forecasts - Consolidated Winter Storm	Enabler [IWP FY13]
EN-2521 Weather Forecasts - Consolidated Winter Storm - Enhanced	Enabler [IWP FY13]
EN-2522 Weather Forecasts - Consolidated Winter Storm - Advanced	Enabler [IWP FY13]
EN-2680 Methodologies and Algorithms for Weather Assimilation into Decision-Making	Enabler [IWP FY13]
EN-2681 Methodologies and Algorithms for Weather Assimilation into Decision-Making - Enhanced	Enabler [IWP FY13]
EN-2682 Methodologies and Algorithms for Weather Assimilation into Decision-Making - Advanced	Enabler [IWP FY13]
EN-2700 Weather Information Regulatory Structure	Enabler [IWP FY13]
EN-2710 NextGen Net-Enabled Operations 4D Weather Data Cube Governance Models	Enabler [IWP FY13]
EN-2810 Aircraft Systems - Turbulence Mitigation	Enabler [IWP FY13]
EN-2820 Aircraft Systems - Icing Alleviation	Enabler [IWP FY13]
EN-2830 Aircraft Systems - Low Visibility Alleviation - Enhanced Vision System (EVS) - Level 1	Enabler [IWP FY13]
EN-2840 Aircraft Systems - Vortex Avoidance Alleviation	Enabler [IWP FY13]
EN-2850 Aircraft Systems - Radiation Alleviation	Enabler [IWP FY13]
EN-2860 Aircraft Systems - Volcanic Ash Alleviation	Enabler [IWP FY13]
EN-2870 Aircraft Systems - Weather Mitigation Requirements	Enabler [IWP FY13]
EN-3016 Aviation Safety Information Analysis and Sharing Environment (ASIAS) - Level 1	Enabler [IWP FY13]
EN-3017 Safety Information Analysis Tools - Level 1	Enabler [IWP FY13]
EN-3018 Safety Management Requirements	Enabler [IWP FY13]
EN-3023 Automated System Vulnerability Detection	Enabler [IWP FY13]
EN-3024 Advanced Incident Contributing Factor Analysis	Enabler [IWP FY13]
EN-3025 Automated Prognostic Risk Identification	Enabler [IWP FY13]
EN-3027 Improved Fault Management	Enabler [IWP FY13]
EN-3030 Standards Harmonization for Multi-mode Transport of Dangerous Goods	Enabler [IWP FY13]
EN-3036 Aviation Safety Information Analysis and Sharing Environment (ASIAS) - Level 2	Enabler [IWP FY13]

Architecture Element	Type
EN-3037 Aviation Safety Information Analysis and Sharing Environment (ASIAS) - Level 3	Enabler [IWP FY13]
EN-3038 Safety Information Analysis Tools - Level 2	Enabler [IWP FY13]
EN-3039 Safety Information Analysis Tools - Level 3	Enabler [IWP FY13]
EN-3040 National SMS Standard Implementation - Level 1	Enabler [IWP FY13]
EN-3041 National SMS Standard Implementation- Level 2	Enabler [IWP FY13]
EN-3042 National SMS Standard Implementation- Level 3	Enabler [IWP FY13]
EN-3050 Advanced Complex System Validation and Verification Methods	Enabler [IWP FY13]
EN-3054 Improved Reliability and Airworthiness of Aircraft - Level 1	Enabler [IWP FY13]
EN-3055 Improved Reliability and Airworthiness of Aircraft - Level 2	Enabler [IWP FY13]
EN-3056 Improved Vehicle Systems Health Management - Level 1	Enabler [IWP FY13]
EN-3057 Improved Vehicle Systems Health Management - Level 2	Enabler [IWP FY13]
EN-3058 Increased Reliability and Accuracy of Data and Information - Level 1	Enabler [IWP FY13]
EN-3059 Increased Reliability and Accuracy of Data and Information - Level 2	Enabler [IWP FY13]
EN-3060 Improved Operational Decision Aids - Airborne Level 1	Enabler [IWP FY13]
EN-3061 Improved Operational Decision Aids - Airborne Level 2	Enabler [IWP FY13]
EN-3062 Ensure Aircraft Conformance to More Stringent Operations Requirements - Level 1	Enabler [IWP FY13]
EN-3063 Ensure Aircraft Conformance to More Stringent Operations Requirements - Level 2	Enabler [IWP FY13]
EN-3064 Increase Aircraft System Contributions to Survival in Crash Scenarios - Level 1	Enabler [IWP FY13]
EN-3065 Increase Aircraft System Contributions to Survival in Crash Scenarios- Level 2	Enabler [IWP FY13]
EN-3066 Improved Ground-Based Systems Health Management - Level 1	Enabler [IWP FY13]
EN-3067 Improved Ground-Based Systems Health Management - Level 2	Enabler [IWP FY13]
EN-3068 Improve Operational Decision Aids - Ground Level 1	Enabler [IWP FY13]
EN-3069 Improve Operational Decision Aids - Ground Level 2	Enabler [IWP FY13]
EN-3070 Ensure Ground-based System Conformance to Operations Requirements - Level 1	Enabler [IWP FY13]
EN-3071 Ensure Ground-based System Conformance to Operations Requirements - Level 2	Enabler [IWP FY13]
EN-3072 Increase Ground-based System Contribution to Survival in Crash Scenarios - Level 1	Enabler [IWP FY13]
EN-3073 Increase Ground-based System Contribution to Survival in Crash Scenarios - Level 2	Enabler [IWP FY13]

Architecture Element	Type
EN-3101 Safety Policy Effectiveness	Enabler [IWP FY13]
EN-3102 Safety Risk Management Processes and Tools	Enabler [IWP FY13]
EN-3103 Safety Assurance Processes and Tools	Enabler [IWP FY13]
EN-3104 Safety Promotion Practices	Enabler [IWP FY13]
EN-3105 Increase Data Access for Safety Risk Management	Enabler [IWP FY13]
EN-3106 Increase Confidence in Analytical Results	Enabler [IWP FY13]
EN-3107 Advanced Capabilities for Integrated, Predictive Safety Assessment	Enabler [IWP FY13]
EN-3108 Enhanced Focus on Safe Operational Procedures	Enabler [IWP FY13]
EN-3109 Advanced Training Concepts for Safe System Operation	Enabler [IWP FY13]
EN-3110 Ensure the Availability and Accessibility of Required Information	Enabler [IWP FY13]
EN-3111 Increase the Usefulness and Understandability of Information	Enabler [IWP FY13]
EN-3112 Maintain Appropriate Human Engagement	Enabler [IWP FY13]
EN-3113 Improve Reliability and Airworthiness of Aircraft	Enabler [IWP FY13]
EN-3114 Participate Internationally in Aviation Forums	Enabler [IWP FY13]
EN-3115 Establish International Aviation Development Partnerships	Enabler [IWP FY13]
EN-3116 Support Execution of ICAO Global Aviation Safety Roadmap and Implementation Plan	Enabler [IWP FY13]
EN-3118 Improve the Implementation of Harmonized Standards, Regulations, and Procedures	Enabler [IWP FY13]
EN-3119 Integrated Safety Assurance and Risk Management - Level 1	Enabler [IWP FY13]
EN-3120 Integrated Safety Assurance and Risk Management - Level 2	Enabler [IWP FY13]
EN-3121 Integrated Safety Assurance and Risk Management - Level 3	Enabler [IWP FY13]
EN-3122 Reduced Controlled Flight into Terrain - Level 1	Enabler [IWP FY13]
EN-3123 Airborne Weather Information Technologies- Level 1	Enabler [IWP FY13]
EN-3124 Reduced Controlled Flight into Terrain - Level 2	Enabler [IWP FY13]
EN-3125 Airborne Weather Information Technologies- Level 2	Enabler [IWP FY13]
EN-3126 Improved Aircraft Upset Prevention and Recovery	Enabler [IWP FY13]
EN-3127 Reduce Airborne Icing-Related Incidents - Level 1	Enabler [IWP FY13]
EN-3128 Reduce Airborne Icing-Related Incidents - Level 2	Enabler [IWP FY13]

Architecture Element	Type
EN-3129 Harmonize Standards, Regulations and Procedures	Enabler [IWP FY13]
EN-3130 Increased Crash Survivability - Aircraft Structures & Components	Enabler [IWP FY13]
EN-3131 Increased Crash Survivability- Aircraft Fire Prevention & Suppression	Enabler [IWP FY13]
EN-3132 Reduce Ground Icing-Related Incidents - Level 1	Enabler [IWP FY13]
EN-3133 Reduce Ground Icing-Related Incidents - Level 2	Enabler [IWP FY13]
EN-4106 Checkpoint Screening Technology - CBRNE and Weapons	Enabler [IWP FY13]
EN-4107 Checkpoint Screening Technology - Enhance Passenger Screening Throughput	Enabler [IWP FY13]
EN-4108 Checkpoint Screening Technology - Integrated Screening System	Enabler [IWP FY13]
EN-4109 Checkpoint Screening Technology - Reduction and Improved False Alarm Resolution	Enabler [IWP FY13]
EN-4110 Checkpoint Screening Technology - Optimize Screening Infrastructure Requirements	Enabler [IWP FY13]
EN-4113 Passenger Checkpoint Screening - Requirements	Enabler [IWP FY13]
EN-4114 Passenger Checkpoint Screening - National Standards	Enabler [IWP FY13]
EN-4116 Off Airport Passenger and Baggage Security Screening (RTSS)	Enabler [IWP FY13]
EN-4118 Checkpoint Screening Technology - Threat Containment	Enabler [IWP FY13]
EN-4119 Biometrics and Credential Standards with Airport Access Focus	Enabler [IWP FY13]
EN-4120 Integrated Passenger Screening, Credentialing and Risk Management System - Level 1	Enabler [IWP FY13]
EN-4121 Integrated Passenger Screening, Credentialing and Risk Management System - Level 2	Enabler [IWP FY13]
EN-4201 Airport Surveillance, Tracking and Detection System - Level 1	Enabler [IWP FY13]
EN-4202 Integrated and Secure Airport Voice/Data Network	Enabler [IWP FY13]
EN-4203 Multi-Agency Security Information Sharing/Delegation Protocols	Enabler [IWP FY13]
EN-4204 Transportation Worker Identification Credentialing /Access Control/Tracking System	Enabler [IWP FY13]
EN-4205 BPR Technology and Procedures	Enabler [IWP FY13]
EN-4206 National Airport Emergency Response Protocol/Policies/Procedures	Enabler [IWP FY13]
EN-4208 Airport CBRNE Detection Systems	Enabler [IWP FY13]
EN-4210 Airport Command, Control, and Communications Center Architecture	Enabler [IWP FY13]
EN-4250 Airport Surveillance, Tracking and Detection System - Level 2	Enabler [IWP FY13]
EN-4301 Baggage/Cargo Screening Technology - CBRNE and Weapons	Enabler [IWP FY13]

Architecture Element	Type
EN-4302 Baggage/Cargo Screening Technology - Increased Effectiveness	Enabler [IWP FY13]
EN-4307 Baggage/Cargo Screening Technology - Integrated Screening System	Enabler [IWP FY13]
EN-4310 Cargo & Mail Screening - Requirements	Enabler [IWP FY13]
EN-4311 Cargo & Mail Screening - National Standards	Enabler [IWP FY13]
EN-4312 Baggage/Cargo Screening Technology - Threat Containment	Enabler [IWP FY13]
EN-4401 Certified Supply Chain Entity	Enabler [IWP FY13]
EN-4403 Secure Supply Chain Entity	Enabler [IWP FY13]
EN-4500 Flight Risk Management System - Level 1 Static	Enabler [IWP FY13]
EN-4510 Security Airspace Planning and Management	Enabler [IWP FY13]
EN-4511 Security Airspace Planning and Management - Enhanced	Enabler [IWP FY13]
EN-4512 Security Airspace Planning and Management - Advanced	Enabler [IWP FY13]
EN-4520 Integrated Risk Management (IRM) System	Enabler [IWP FY13]
EN-4521 Flight Risk Management System - Level 2 Dynamic	Enabler [IWP FY13]
EN-4522 Unified National Aviation Command, Control and Communication Architecture	Enabler [IWP FY13]
EN-4600 Aircraft Security Systems and Policies	Enabler [IWP FY13]
EN-4601 Aircraft Hijack/Unauthorized Diversion Technologies and Procedures	Enabler [IWP FY13]
EN-4602 Aircraft Threat Containment and Survivability Hardening	Enabler [IWP FY13]
EN-4610 Aircraft External Threat Defense/Mitigation Systems	Enabler [IWP FY13]
EN-4611 Airborne Server Technology	Enabler [IWP FY13]
EN-4612 Deployable Incident Data Recorder System	Enabler [IWP FY13]
EN-4613 Deployable Incident Data Recorder Regulation	Enabler [IWP FY13]
EN-4614 Aircraft Systems - Deployable Incident Data Recorder	Enabler [IWP FY13]
EN-5000 Airport Advocacy Program	Enabler [IWP FY13]
EN-5001 Airport-Compatible Land Use	Enabler [IWP FY13]
EN-5003 Obstruction Measurement and Evaluation Process	Enabler [IWP FY13]
EN-5004 Airport GSE Surface Management System	Enabler [IWP FY13]
EN-5007 Zero or Low-Emissions Ground Support Equipment	Enabler [IWP FY13]

Architecture Element	Type
EN-5008 Ground Congestion Data Feed to Airport Acceptance Rate	Enabler [IWP FY13]
EN-5009 Airside Resource Management System - Level 1	Enabler [IWP FY13]
EN-5010 Landside Resource Management System - Level 1	Enabler [IWP FY13]
EN-5011 Airport Resource Management System - Level 1	Enabler [IWP FY13]
EN-5012 Airport Rescue Fire Fighting	Enabler [IWP FY13]
EN-5013 Runway Friction - Integrated Condition Reporting	Enabler [IWP FY13]
EN-5014 Runway Friction - Ground-Based Sensors and Technology	Enabler [IWP FY13]
EN-5015 Aircraft Systems - Runway Friction Sensors and Technology	Enabler [IWP FY13]
EN-5016 Ice-Resistant Pavement Surfaces	Enabler [IWP FY13]
EN-5017 Airport Winter Operations Resource Management System - Level 1	Enabler [IWP FY13]
EN-5018 Aircraft Systems - De-Ice/Anti-Ice Technology	Enabler [IWP FY13]
EN-5019 Aircraft Systems - Ground Icing Detection	Enabler [IWP FY13]
EN-5020 Advanced De-Icing/Anti-Ice Fluids	Enabler [IWP FY13]
EN-5021 Ground Based Non-Fluid De-Icing Technology	Enabler [IWP FY13]
EN-5022 Deicing/Anti-Icing Holdover Time Input to Flight Object	Enabler [IWP FY13]
EN-5023 Advanced De-Icing/Anti-Icing Fluid Recovery	Enabler [IWP FY13]
EN-5024 Water Quality Management	Enabler [IWP FY13]
EN-5026 Design Guidelines for NextGen Airport Passenger Terminal Buildings	Enabler [IWP FY13]
EN-5028 Integrated International Customs Border Protection/Security Service Provider Services	Enabler [IWP FY13]
EN-5030 Remote Check-In Processing Systems	Enabler [IWP FY13]
EN-5032 Streamlined Airport Development Processes	Enabler [IWP FY13]
EN-5033 Identification of Constrained Airports and Regions	Enabler [IWP FY13]
EN-5035 Post-Implementation Evaluations of Airport Development Actions	Enabler [IWP FY13]
EN-5036 NetCentric Airport Information Standards	Enabler [IWP FY13]
EN-5041 Regional Planning Processes	Enabler [IWP FY13]
EN-5043 Parallel Runway Separation Distance Standards	Enabler [IWP FY13]
EN-5045 Airport Protection Surfaces	Enabler [IWP FY13]

Architecture Element	Type
EN-5047 Airfield Design Standards	Enabler [IWP FY13]
EN-5052 Ramp Lightning Detection and Deflection	Enabler [IWP FY13]
EN-5209 Airside Resource Management System - Level 2	Enabler [IWP FY13]
EN-5210 Landside Resource Management System - Level 2	Enabler [IWP FY13]
EN-5211 Airport Resource Management System - Level 2	Enabler [IWP FY13]
EN-5217 Airport Winter Operations Resource Management System - Level 2	Enabler [IWP FY13]
EN-6000 Environmental Management Strategy	Enabler [IWP FY13]
EN-6001 EMS Framework - Level 1 Development	Enabler [IWP FY13]
EN-6002 EMS Framework - Level 2 Pilot	Enabler [IWP FY13]
EN-6004 Environmentally Improved Terminal Area Navigation - Level 1 Tools	Enabler [IWP FY13]
EN-6005 Environmentally Improved En Route Air Navigation -Level 1 Route Planning/Selection	Enabler [IWP FY13]
EN-6006 Baseline of Required Water Pollution Mitigation Needs	Enabler [IWP FY13]
EN-6007 Environmentally Improved Airframe and Engine Technology - Level 1 (N+1)	Enabler [IWP FY13]
EN-6008 Avionics to Reduce Environmental Impacts - Level 1	Enabler [IWP FY13]
EN-6010 Available Alternative Fuels - Level 1	Enabler [IWP FY13]
EN-6011 Environmental Impact Modeling and Assessment - Level 1	Enabler [IWP FY13]
EN-6012 Baseline Environmental Condition - Level 1	Enabler [IWP FY13]
EN-6013 NextGen Environmental Protection Goals - Level 1 Initial	Enabler [IWP FY13]
EN-6016 EMS Outreach Program	Enabler [IWP FY13]
EN-6018 Enhanced Environmental Information	Enabler [IWP FY13]
EN-6020 Environmentally Improved Surface Operations - Level 1 - Initial	Enabler [IWP FY13]
EN-6022 Science and Metrics of Noise - Level 1 Baseline	Enabler [IWP FY13]
EN-6023 Science and Metrics of Local Emissions - Level 1 Baseline	Enabler [IWP FY13]
EN-6024 Environmental Tradeoffs and Metrics of Fuel Burn - Level 1 Baseline	Enabler [IWP FY13]
EN-6027 EMS Framework - Level 3 Ongoing Improvements	Enabler [IWP FY13]
EN-6030 Environmentally Improved En Route Air Navigation -Level 2 Dynamic Routing	Enabler [IWP FY13]
EN-6032 Science and Metrics of Noise - Level 2 Advanced	Enabler [IWP FY13]

Architecture Element	Type
EN-6033 Science and Metrics of Local Emissions - Level 2 Advanced	Enabler [IWP FY13]
EN-6034 Environmental Tradeoffs and Metrics of Fuel Burn - Level 2 Enhanced	Enabler [IWP FY13]
EN-6035 Environmentally Improved Aircraft Airframe and Engines - Level 1	Enabler [IWP FY13]
EN-6036 Environmentally Improved Airframe and Engine Technology - Level 2 (N+2)	Enabler [IWP FY13]
EN-6037 Environmentally Improved Aircraft Airframe and Engines - Level 2	Enabler [IWP FY13]
EN-6038 Science of Global Climate - Level 1 Baseline	Enabler [IWP FY13]
EN-6039 Enhanced Global Climate Metrics	Enabler [IWP FY13]
EN-6041 NextGen Environmental Protection Goals - Level 2 Refined	Enabler [IWP FY13]
EN-6042 Environmentally Improved Terminal Area Navigation - Level 2 Automation/Mechanisms	Enabler [IWP FY13]
EN-6043 Environmentally Improved Terminal Area Navigation - Level 3 Dynamic Information	Enabler [IWP FY13]
EN-6044 Avionics to Reduce Environmental Impacts - Level 2	Enabler [IWP FY13]
EN-6045 Avionics to Reduce Environmental Impacts - Level 3	Enabler [IWP FY13]
EN-6046 Environmentally Improved Surface Operations - Level 2 - Enhanced	Enabler [IWP FY13]
EN-6047 Baseline Environmental Condition - Level 2	Enabler [IWP FY13]
EN-6048 Environmental Impact Modeling and Assessment - Level 2	Enabler [IWP FY13]
EN-6049 Available Alternative Fuels - Level 2	Enabler [IWP FY13]
EN-6050 Available Alternative Fuels - Level 3	Enabler [IWP FY13]
EN-6051 Available Alternative Fuels - Level 4	Enabler [IWP FY13]
EN-6053 Science of Global Climate - Level 2 Advanced	Enabler [IWP FY13]
EN-6054 Enhanced Water Pollution Mitigation	Enabler [IWP FY13]
EN-7014 Integrated Surveillance Governance Organization	Enabler [IWP FY13]
EN-7015 Integrated Surveillance Technical Entity	Enabler [IWP FY13]
EN-7016 Metroplex Operational Concept	Enabler [IWP FY13]
EN-7017 Aviation Weather Information System - Process/Disseminate Weather Translation Information	Enabler [IWP FY13]
EN-7018 Aviation Weather Information System - Process/Disseminate Weather Translation Information - Enhanced	Enabler [IWP FY13]

Architecture Element	Type
EN-7019 Aviation Weather Information System - Process/Disseminate Weather Translation Information - Advanced	Enabler [IWP FY13]
EN-7020 Aircraft Systems - Aircraft-Aircraft Hazardous Weather Information Sharing	Enabler [IWP FY13]
EPA	Organization [IWP FY13]
EUROCONTROL	Organization [IWP FY13]
Electronic Flight Bag	ICOM Arrow [EA FY13]
Electronic Flight Bag	Information Exchange [EA FY13]
Engineering Analysis Tool	ICOM Arrow [EA FY13]
Engineering Analysis Tool	Information Exchange [EA FY13]
Enhanced Weather Forecast Quality Assessment Technique (EN2490)	ICOM Arrow [EA FY13]
Enhanced Weather Forecast Quality Assessment Technique (EN2490)	Information Exchange [EA FY13]
Enhanced and Expanded Weather Sensors - Airborne-Based (EN2233)	ICOM Arrow [EA FY13]
Enhanced and Expanded Weather Sensors - Airborne-Based (EN2233)	Information Exchange [EA FY13]
Enhanced and Expanded Weather Sensors - Ground-Based (EN2223)	ICOM Arrow [EA FY13]
Enhanced and Expanded Weather Sensors - Ground-Based (EN2223)	Information Exchange [EA FY13]
Enhanced and Expanded Weather Sensors - Space-Based (EN2243)	ICOM Arrow [EA FY13]
Enhanced and Expanded Weather Sensors - Space-Based (EN2243)	Information Exchange [EA FY13]
Environmental Impact Report (Airport)	ICOM Arrow [EA FY13]
Environmental Impact Report (Airport)	Information Exchange [EA FY13]
Environmental Regulation	ICOM Arrow [EA FY13]
Environmental Regulation	Information Exchange [EA FY13]
Equipment (Airport Operations)	ICOM Arrow [EA FY13]
Equipment (Airport Operations)	Information Exchange [EA FY13]
Equipment (Airport Security)	ICOM Arrow [EA FY13]
Equipment (Airport Security)	Information Exchange [EA FY13]
Equipment (Baggage & Cargo)	ICOM Arrow [EA FY13]
Equipment (Baggage & Cargo)	Information Exchange [EA FY13]
Equipment (Emergency)	ICOM Arrow [EA FY13]

Architecture Element	Type
Equipment (Emergency)	Information Exchange [EA FY13]
Equipment Information (Airport)	ICOM Arrow [EA FY13]
Equipment Information (Airport)	Information Exchange [EA FY13]
Establish Net-Centric Infrastructure & Services	Operational Activity [EA FY13]
Evaluate Air Navigation Service Modification Alternatives	Operational Activity [EA FY13]
Evaluate Airport Modification Alternatives	Operational Activity [EA FY13]
Evaluate Long-Term Air Navigation Assets	Operational Activity [EA FY13]
Evaluate Long-Term Airport Assets	Operational Activity [EA FY13]
Evaluate Long-Term Surveillance Assets	Operational Activity [EA FY13]
Evaluate Long-Term Weather Assets	Operational Activity [EA FY13]
Evaluate Reliability and Performance	Operational Activity [EA FY13]
Evaluate Surveillance Service Modification Alternatives	Operational Activity [EA FY13]
Evaluate Weather Service Modification Alternatives	Operational Activity [EA FY13]
Execute Maneuver	Operational Activity [EA FY13]
FAA	Organization [IWP FY13]
FBI	Organization [IWP FY13]
FCC	Organization [IWP FY13]
Facility (Air Navigation)	ICOM Arrow [EA FY13]
Facility (Air Navigation)	Information Exchange [EA FY13]
Facility (Airport)	ICOM Arrow [EA FY13]
Facility (Airport)	Information Exchange [EA FY13]
Facility (Surveillance)	ICOM Arrow [EA FY13]
Facility (Surveillance)	Information Exchange [EA FY13]
Facility (Weather)	ICOM Arrow [EA FY13]
Facility (Weather)	Information Exchange [EA FY13]
Facility Information (Airport)	ICOM Arrow [EA FY13]
Facility Information (Airport)	Information Exchange [EA FY13]

Architecture Element	Type
Fixed Object Information Service	Operational Node [EA FY13]
Fixed-Object Data	ICOM Arrow [EA FY13]
Fixed-Object Data	Information Exchange [EA FY13]
Fixed-Object Information	Operational Node [EA FY13]
Fixed-Object Measurement Information	ICOM Arrow [EA FY13]
Fixed-Object Measurement Information	Information Exchange [EA FY13]
Fixed-Object Observation Information	ICOM Arrow [EA FY13]
Fixed-Object Observation Information	Information Exchange [EA FY13]
Fixed-Object Service Tool	ICOM Arrow [EA FY13]
Fixed-Object Service Tool	Information Exchange [EA FY13]
Flight Crew	Information Exchange [EA FY13]
Flight Operations Controller (FOC)	ICOM Arrow [EA FY13]
Flight Operations Controller (FOC)	Information Exchange [EA FY13]
Flight Operations Report	ICOM Arrow [EA FY13]
Flight Operator	Operational Node [EA FY13]
Flight Operator Analysis Tool	ICOM Arrow [EA FY13]
Flight Operator Analysis Tool	Information Exchange [EA FY13]
Flight Operator Management Office	ICOM Arrow [EA FY13]
Flight Operator Management Office	Operational Node [EA FY13]
Flight Operator Personnel	Information Exchange [EA FY13]
Flight Operator Schedule	ICOM Arrow [EA FY13]
Flight Operator Schedule	Information Exchange [EA FY13]
Flight Plan Change Recommendation	ICOM Arrow [EA FY13]
Flight Plan Change Recommendation	Information Exchange [EA FY13]
Flight Plan Recommendation	ICOM Arrow [EA FY13]
Flight Plan Recommendation	Information Exchange [EA FY13]
Flight Planner (General Aviation)	ICOM Arrow [EA FY13]

Architecture Element	Type
Flight Planner (General Aviation)	Operational Node [EA FY13]
Flight Planner (General Aviation) - Flow Manager	Need Line [EA FY13]
Flight Planning Information	ICOM Arrow [EA FY13]
Flight Planning Information	Information Exchange [EA FY13]
Flight Status Report	ICOM Arrow [EA FY13]
Flight Status Report	Information Exchange [EA FY13]
Flow Manager	ICOM Arrow [EA FY13]
Flow Manager	Operational Node [EA FY13]
Flow Manager - Airport Planning Office	Need Line [EA FY13]
Flow Manager - Capacity Manager	Need Line [EA FY13]
Flow Manager - Dispatch - Flight Planner	Need Line [EA FY13]
Flow Manager - Flight Planner (General Aviation)	Need Line [EA FY13]
Flow Manager - Strategic Controller	Need Line [EA FY13]
Flow Manager - Tactical Controller	Need Line [EA FY13]
Follow Aircraft Flight	Operational Activity [EA FY13]
Follow Flight Plan	Operational Activity [EA FY13]
Forecast Weather	Operational Activity [EA FY13]
Forecast Weather	System Function [EA FY13]
Fuel	ICOM Arrow [EA FY13]
Fuel	Information Exchange [EA FY13]
Funding	ICOM Arrow [EA FY13]
Funding	Information Exchange [EA FY13]
Funding (Acquisition)	ICOM Arrow [EA FY13]
Funding (Acquisition)	Information Exchange [EA FY13]
Funding (Engineering & Development)	ICOM Arrow [EA FY13]
Funding (Engineering & Development)	Information Exchange [EA FY13]
Funding (O&M)	ICOM Arrow [EA FY13]

Architecture Element	Type
Funding (O&M)	Information Exchange [EA FY13]
Funding (R&D)	ICOM Arrow [EA FY13]
Funding (R&D)	Information Exchange [EA FY13]
Fuse Surveillance Data	System Function [EA FY13]
Govern Air Navigation Service	Operational Activity [EA FY13]
Govern Airport	Operational Activity [EA FY13]
Govern Fixed-Object Information Service	Operational Activity [EA FY13]
Govern Surveillance Service	Operational Activity [EA FY13]
Govern Weather Service	Operational Activity [EA FY13]
Governance Body (ANSP) - Program Management Office (ANSP)	Need Line [EA FY13]
Governance Body (Air Navigation)	ICOM Arrow [EA FY13]
Governance Body (Air Navigation)	Information Exchange [EA FY13]
Governance Body (Air Navigation)	Operational Node [EA FY13]
Governance Body (Air Navigation) - Airline Operations Personnel	Need Line [EA FY13]
Governance Body (Air Navigation) - Capacity Manager	Need Line [EA FY13]
Governance Body (Air Navigation) - Certification Personnel (Flight Operator)	Need Line [EA FY13]
Governance Body (Air Navigation) - Dispatch - Flight Planner	Need Line [EA FY13]
Governance Body (Air Navigation) - Flow Manager	Need Line [EA FY13]
Governance Body (Air Navigation) - Pilot	Need Line [EA FY13]
Governance Body (Air Navigation) - Strategic Controller	Need Line [EA FY13]
Governance Body (Air Navigation) - Tactical Controller	Need Line [EA FY13]
Governance Body (Airport)	ICOM Arrow [EA FY13]
Governance Body (Airport)	Information Exchange [EA FY13]
Governance Body (Airport)	Operational Node [EA FY13]
Governance Body (Airport) - Airport Management Office	Need Line [EA FY13]
Governance Body (Airport) - Certification Personnel (Airport)	Need Line [EA FY13]
Governance Body (Airport) - Maintenance Personnel (Airport)	Need Line [EA FY13]

Architecture Element	Type
Governance Body (Airport) - Program Management Office (ANSP)	Need Line [EA FY13]
Governance Body (Fixed-Object)	ICOM Arrow [EA FY13]
Governance Body (Fixed-Object)	Information Exchange [EA FY13]
Governance Body (Fixed-Object)	Operational Node [EA FY13]
Governance Body (Fixed-Object) - Operations Personnel (Fixed-Object)	Need Line [EA FY13]
Governance Body (Fixed-Object) - Program Management (Fixed-Object)	Need Line [EA FY13]
Governance Body (Fixed-Object) - Program Management Office (Fixed-Object)	Need Line [EA FY13]
Governance Body (Surveillance)	ICOM Arrow [EA FY13]
Governance Body (Surveillance)	Information Exchange [EA FY13]
Governance Body (Surveillance)	Operational Node [EA FY13]
Governance Body (Surveillance) - Air Traffic Surveillance Officer	Need Line [EA FY13]
Governance Body (Surveillance) - Aircraft Owner/Operator	Need Line [EA FY13]
Governance Body (Surveillance) - Human Surveillance Observer	Need Line [EA FY13]
Governance Body (Surveillance) - Operations Personnel (Surveillance)	Need Line [EA FY13]
Governance Body (Surveillance) - Pilot	Need Line [EA FY13]
Governance Body (Surveillance) - Program Management (Surveillance)	Need Line [EA FY13]
Governance Body (Surveillance) - Program Management Office (Surveillance)	Need Line [EA FY13]
Governance Body (Weather)	ICOM Arrow [EA FY13]
Governance Body (Weather)	Information Exchange [EA FY13]
Governance Body (Weather)	Operational Node [EA FY13]
Governance Body (Weather) - Human Weather Observer	Need Line [EA FY13]
Governance Body (Weather) - Human Weather Observer 2	Need Line [EA FY13]
Governance Body (Weather) - Meteorologist	Need Line [EA FY13]
Governance Body (Weather) - Operations Personnel (Weather)	Need Line [EA FY13]
Governance Body (Weather) - Program Management Office (Weather)	Need Line [EA FY13]
Government-Industry Agreement	ICOM Arrow [EA FY13]
Government-Industry Agreement	Information Exchange [EA FY13]

Architecture Element	Type
Ground Crew	ICOM Arrow [EA FY13]
Ground Crew	Information Exchange [EA FY13]
Ground Support Equipment	ICOM Arrow [EA FY13]
Ground Support Equipment	Information Exchange [EA FY13]
Ground Transportation Tools (Intermodal)	ICOM Arrow [EA FY13]
Ground Transportation Tools (Intermodal)	Information Exchange [EA FY13]
Human Surveillance Observer	ICOM Arrow [EA FY13]
Human Surveillance Observer	Information Exchange [EA FY13]
Human Surveillance Observer	Operational Node [EA FY13]
Human Surveillance Observer - Air Traffic Surveillance Officer	Need Line [EA FY13]
Human Weather Observer	ICOM Arrow [EA FY13]
Human Weather Observer	Information Exchange [EA FY13]
Human Weather Observer	Operational Node [EA FY13]
Human Weather Observer - Meteorologist	Need Line [EA FY13]
Human Weather Observer - Meteorologist 2	Need Line [EA FY13]
ICAO Standard	ICOM Arrow [EA FY13]
ICAO Standard	Information Exchange [EA FY13]
Immediate Conflict Message	ICOM Arrow [EA FY13]
Immediate Conflict Message	Information Exchange [EA FY13]
Immediate Maneuver Message	ICOM Arrow [EA FY13]
Immediate Maneuver Message	Information Exchange [EA FY13]
Implement Air Navigation Service Adjustment Plan	Operational Activity [EA FY13]
Implement Air Navigation Service Improvement Plan	Operational Activity [EA FY13]
Implement Airport Asset Adjustment Plan	Operational Activity [EA FY13]
Implement Airport Asset Improvement Plan	Operational Activity [EA FY13]
Implement Fixed-Object Information Improvement Plan	Operational Activity [EA FY13]
Implement Surveillance Service Adjustment Plan	Operational Activity [EA FY13]

Architecture Element	Type
Implement Surveillance Service Improvement Plan	Operational Activity [EA FY13]
Implement Weather Service Adjustment Plan	Operational Activity [EA FY13]
Implement Weather Service Improvement Plan	Operational Activity [EA FY13]
Improve Weather Models (EN2500,2501)	ICOM Arrow [EA FY13]
Improve Weather Models (EN2500,2501)	Information Exchange [EA FY13]
Improvement Plan (Air Navigation)	ICOM Arrow [EA FY13]
Improvement Plan (Air Navigation)	Information Exchange [EA FY13]
Improvement Plan (Airport)	ICOM Arrow [EA FY13]
Improvement Plan (Airport)	Information Exchange [EA FY13]
Improvement Plan (Fixed-Object)	ICOM Arrow [EA FY13]
Improvement Plan (Fixed-Object)	Information Exchange [EA FY13]
Improvement Plan (Surveillance)	ICOM Arrow [EA FY13]
Improvement Plan (Surveillance)	Information Exchange [EA FY13]
Improvement Plan (Weather)	ICOM Arrow [EA FY13]
Improvement Plan (Weather)	Information Exchange [EA FY13]
Improvement Request	Information Exchange [EA FY13]
Improvement Request (Air Navigation)	ICOM Arrow [EA FY13]
Improvement Request (Air Navigation)	Information Exchange [EA FY13]
Improvement Request (Airport)	ICOM Arrow [EA FY13]
Improvement Request (Airport)	Information Exchange [EA FY13]
Improvement Request (Surveillance)	ICOM Arrow [EA FY13]
Improvement Request (Surveillance)	Information Exchange [EA FY13]
Improvement Request (Weather)	ICOM Arrow [EA FY13]
Improvement Request (Weather)	Information Exchange [EA FY13]
Incident Report	ICOM Arrow [EA FY13]
Incident Report	Information Exchange [EA FY13]
Industry	Organization [IWP FY13]

Architecture Element	Type
Industry Partners (Domestic & Foreign)	Operational Node [EA FY13]
Industry Partners (Domestic and Foreign)	Operational Node [EA FY13]
Industry Partners - Governance Body (Weather)	Need Line [EA FY13]
Industry Standard	ICOM Arrow [EA FY13]
Industry Standard	Information Exchange [EA FY13]
Information Sharing Standards: Weather Information (EN2050)	ICOM Arrow [EA FY13]
Information Sharing Standards: Weather Information (EN2050)	Information Exchange [EA FY13]
Instruction	ICOM Arrow [EA FY13]
Instruction	Information Exchange [EA FY13]
Instruction (Arrival Taxi)	ICOM Arrow [EA FY13]
Instruction (Arrival Taxi)	Information Exchange [EA FY13]
Instruction (Arrival)	ICOM Arrow [EA FY13]
Instruction (Arrival)	Information Exchange [EA FY13]
Instruction (Departure Taxi)	ICOM Arrow [EA FY13]
Instruction (Departure Taxi)	Information Exchange [EA FY13]
Integrated Cooperative Surveillance Information (EN1006,1506,1507,1508)	ICOM Arrow [EA FY13]
Integrated Cooperative Surveillance Information (EN1006,1506,1507,1508)	Information Exchange [EA FY13]
Integrated Observation Governance Structure (EN2270)	ICOM Arrow [EA FY13]
Integrated Observation Governance Structure (EN2270)	Information Exchange [EA FY13]
Integrated Surveillance Information Service (EN1049,1510,1511,1512)	ICOM Arrow [EA FY13]
Integrated Surveillance Information Service (EN1049,1510,1511,1512)	Information Exchange [EA FY13]
Integrated Surveillance Strategy (EN1402)	ICOM Arrow [EA FY13]
Integrated Surveillance Strategy (EN1402)	Information Exchange [EA FY13]
International Agreement	ICOM Arrow [EA FY13]
International Agreement	Information Exchange [EA FY13]
International Governance Body	Operational Node [EA FY13]
International Governance Body (Fixed-Object)	Operational Node [EA FY13]

Architecture Element	Type
International Governance Body (Fixed-Object) - Governance Body (Fixed-Object)	Need Line [EA FY13]
International Governance Body (Surveillance)	Operational Node [EA FY13]
International Governance Body (Surveillance) - Governance Body (Surveillance)	Need Line [EA FY13]
International Governance Body (Weather)	Operational Node [EA FY13]
International Governance Body (Weather) - Governance Body (Weather)	Need Line [EA FY13]
International Governance Body - Governance Body (Fixed-Object)	Need Line [EA FY13]
International Governance Body - Governance Body (Surveillance Information)	Need Line [EA FY13]
International Governance Body - Governance Body (Weather)	Need Line [EA FY13]
Land Aircraft	Operational Activity [EA FY13]
Landside Operations Personnel	ICOM Arrow [EA FY13]
Landside Operations Personnel	Operational Node [EA FY13]
Landside Operations Personnel - Ramp Controller	Need Line [EA FY13]
Leg Wx Apps Integrated with Network-Enabled Weather Information (EN2060)	ICOM Arrow [EA FY13]
Leg Wx Apps Integrated with Network-Enabled Weather Information (EN2060)	Information Exchange [EA FY13]
Local Governments	Organization [IWP FY13]
Maintain Air Navigation Assets	Operational Activity [EA FY13]
Maintain Airport Assets	Operational Activity [EA FY13]
Maintain Surveillance Assets	Operational Activity [EA FY13]
Maintain Surveillance DB	System Function [EA FY13]
Maintain Weather Assets	Operational Activity [EA FY13]
Maintenance Personnel (ANSP) - Capacity Manager (ANSP)	Need Line [EA FY13]
Maintenance Personnel (Air Navigation)	ICOM Arrow [EA FY13]
Maintenance Personnel (Air Navigation)	Operational Node [EA FY13]
Maintenance Personnel (Airport)	ICOM Arrow [EA FY13]
Maintenance Personnel (Airport)	Operational Node [EA FY13]
Maintenance Personnel (Airport) - Airport Management Office	Need Line [EA FY13]
Maintenance Personnel (Airport) - Pilot	Need Line [EA FY13]

Architecture Element	Type
Maintenance Personnel (Airport) - Ramp Controller	Need Line [EA FY13]
Maintenance Report (Air Navigation)	ICOM Arrow [EA FY13]
Maintenance Report (Air Navigation)	Information Exchange [EA FY13]
Maintenance Report (Aircraft)	ICOM Arrow [EA FY13]
Maintenance Report (Aircraft)	Information Exchange [EA FY13]
Maintenance Report (Airport)	ICOM Arrow [EA FY13]
Maintenance Report (Airport)	Information Exchange [EA FY13]
Maintenance Report (Surveillance)	ICOM Arrow [EA FY13]
Maintenance Report (Surveillance)	Information Exchange [EA FY13]
Maintenance Report (Weather)	ICOM Arrow [EA FY13]
Maintenance Report (Weather)	Information Exchange [EA FY13]
Maintenance Request (Air Navigation)	ICOM Arrow [EA FY13]
Maintenance Request (Air Navigation)	Information Exchange [EA FY13]
Maintenance Request (Airport)	ICOM Arrow [EA FY13]
Maintenance Request (Airport)	Information Exchange [EA FY13]
Maintenance Request (Surveillance)	ICOM Arrow [EA FY13]
Maintenance Request (Surveillance)	Information Exchange [EA FY13]
Maintenance Request (Weather)	ICOM Arrow [EA FY13]
Maintenance Request (Weather)	Information Exchange [EA FY13]
Manage Airspace Capacity	Operational Activity [EA FY13]
Manage Cyber Security	Operational Activity [EA FY13]
Manage Environmental Risk	Operational Activity [EA FY13]
Manage Net-Centric Environment	Operational Activity [EA FY13]
Manage Safety Risk	Operational Activity [EA FY13]
Manage Security Risk	Operational Activity [EA FY13]
Maneuver Execution Report	ICOM Arrow [EA FY13]
Maneuver Options	ICOM Arrow [EA FY13]

Architecture Element	Type
Maneuver Options	Information Exchange [EA FY13]
Manuver Execution Report	Information Exchange [EA FY13]
Market Information	ICOM Arrow [EA FY13]
Market Information	Information Exchange [EA FY13]
Measure Meteorological Condition	System Function [EA FY13]
Meteorologist	ICOM Arrow [EA FY13]
Meteorologist	Information Exchange [EA FY13]
Meteorologist	Operational Node [EA FY13]
Meteorologist - Airport Planning/Engineering Office	Need Line [EA FY13]
Meteorologist - Dispatch - Flight Follower	Need Line [EA FY13]
Meteorologist - Dispatch - Flight Planner	Need Line [EA FY13]
Meteorologist - Flight Planner (General Aviation)	Need Line [EA FY13]
Meteorologist - Flow Manager	Need Line [EA FY13]
Meteorologist - Meteorologist	Need Line [EA FY13]
Meteorologist - National Defense Organization	Need Line [EA FY13]
Meteorologist - NextGen Information Consumer	Need Line [EA FY13]
Meteorologist - Pilot	Need Line [EA FY13]
Meteorologist - Strategic Controller	Need Line [EA FY13]
Method Algorithms for Wx Assim Decision-Making (EN2680,2681,2682)	ICOM Arrow [EA FY13]
Method Algorithms for Wx Assim Decision-Making (EN2680,2681,2682)	Information Exchange [EA FY13]
Minimum Separation Requirement	ICOM Arrow [EA FY13]
Minimum Separation Requirement	Information Exchange [EA FY13]
Model Weather	System Function [EA FY13]
Monitor Flight Plan Conformance and Conflict	Operational Activity [EA FY13]
Monitor Operational Environment	Operational Activity [EA FY13]
NASA	Organization [IWP FY13]
National Coordination Office (NCO)	Organization [IWP FY13]

Architecture Element	Type
National Defence Organization	Operational Node [EA FY13]
National Defense Organization	Operational Node [EA FY13]
National Defense Organization - Air Traffic Surveillance Officer	Need Line [EA FY13]
National Defense Organization - Meteorologist	Need Line [EA FY13]
National Defense Organization - Operations Personnel (Fixed-Object)	Need Line [EA FY13]
National Security Space Office (NSSO)	Organization [IWP FY13]
National Space-Based PNT ExComm	Organization [IWP FY13]
Navigation Information	ICOM Arrow [EA FY13]
Navigation Information	Information Exchange [EA FY13]
Near-Term Demand Estimate	ICOM Arrow [EA FY13]
Near-Term Demand Estimate	Information Exchange [EA FY13]
Need_Line_1	Need Line [EA FY13]
Need_Line_1	Need Line [EA FY13]
Need_Line_1	Need Line [EA FY13]
Need_Line_1	Need Line [EA FY13]
Need_Line_1	Need Line [EA FY13]
Need_Line_1	Need Line [EA FY13]
Negotiate Aircraft Use of Airspace	Operational Activity [EA FY13]
Negotiate Aircraft Flight Plan	Operational Activity [EA FY13]
Negotiate Airline/Concession Leases	Operational Activity [EA FY13]
Negotiate Operational Flight Plan	Operational Activity [EA FY13]
Network Enabled Operation Weather Interface	System Function [EA FY13]
Network-Enabled User-Defined Weather Information Request Function (EN2080)	ICOM Arrow [EA FY13]
Network-Enabled User-Defined Weather Information Request Function (EN2080)	Information Exchange [EA FY13]
Network-Enabled Weather Observation Strategy (EN2210)	ICOM Arrow [EA FY13]
Network-Enabled Weather Observation Strategy (EN2210)	Information Exchange [EA FY13]
Network-Enabled Weather Observation System - Adaptive Control (EN2250)	ICOM Arrow [EA FY13]

Architecture Element	Type
Network-Enabled Weather Observation System - Adaptive Control (EN2250)	Information Exchange [EA FY13]
Network-Enabled Wx Obs System - Satellites (EN2240,2241,2242)	ICOM Arrow [EA FY13]
Network-Enabled Wx Obs System - Satellites (EN2240,2241,2242)	Information Exchange [EA FY13]
Network-Enabled Wx Obs System Ground-Based (EN2220,2221,2222)	ICOM Arrow [EA FY13]
Network-Enabled Wx Obs System Ground-Based (EN2220,2221,2222)	Information Exchange [EA FY13]
Network-Enabled Wx Obs System Integrated (EN2260,2261,2262)	ICOM Arrow [EA FY13]
Network-Enabled Wx Obs System Integrated (EN2260,2261,2262)	Information Exchange [EA FY13]
Network-Enabled Wx Observation System Airborne (EN2230,2231,2232)	ICOM Arrow [EA FY13]
Network-Enabled Wx Observation System Airborne (EN2230,2231,2232)	Information Exchange [EA FY13]
NextGen 4D Weather Cube Information (EN2010,2020,2030)	ICOM Arrow [EA FY13]
NextGen 4D Weather Cube Information (EN2010,2020,2030)	Information Exchange [EA FY13]
NextGen Air Navigation Policy/Standard	ICOM Arrow [EA FY13]
NextGen Air Navigation Policy/Standard	Information Exchange [EA FY13]
NextGen Airport Policy/Standard	ICOM Arrow [EA FY13]
NextGen Airport Policy/Standard	Information Exchange [EA FY13]
NextGen Fixed-Object Information	ICOM Arrow [EA FY13]
NextGen Fixed-Object Information	Information Exchange [EA FY13]
NextGen Fixed-Object Information Policy/Standard	ICOM Arrow [EA FY13]
NextGen Fixed-Object Information Policy/Standard	Information Exchange [EA FY13]
NextGen Information Consumer	Operational Node [EA FY13]
NextGen Network-Enabled Virtual 4D Weather Cube Governance Model (EN-2710)	ICOM Arrow [EA FY13]
NextGen Network-Enabled Virtual 4D Weather Cube Governance Model (EN-2710)	Information Exchange [EA FY13]
NextGen Network-Enabled Virtual 4D Weather Cube Governance Structure (EN2040)	ICOM Arrow [EA FY13]
NextGen Network-Enabled Virtual 4D Weather Cube Governance Structure (EN2040)	Information Exchange [EA FY13]
NextGen Surveillance Policy/Standard	ICOM Arrow [EA FY13]
NextGen Surveillance Policy/Standard	Information Exchange [EA FY13]
NextGen Weather Policy/Standard	ICOM Arrow [EA FY13]

Architecture Element	Type
NextGen Weather Policy/Standard	Information Exchange [EA FY13]
Non-Cooperative Surveillance - Legacy ASR-9 (EN1021)	ICOM Arrow [EA FY13]
Non-Cooperative Surveillance - Legacy ASR-9 (EN1021)	Information Exchange [EA FY13]
Non-Cooperative Surveillance GSE (EN1002)	ICOM Arrow [EA FY13]
Non-Cooperative Surveillance GSE (EN1002)	Information Exchange [EA FY13]
Non-Cooperative Surveillance Information Service (EN1003)	ICOM Arrow [EA FY13]
Non-Cooperative Surveillance Information Service (EN1003)	Information Exchange [EA FY13]
Non-Cooperative Surveillance Legacy ASR-8 (EN1020)	ICOM Arrow [EA FY13]
Non-Cooperative Surveillance Legacy ASR-8 (EN1020)	Information Exchange [EA FY13]
Non-Cooperative Surveillance Legacy LRR (EN1017)	ICOM Arrow [EA FY13]
Non-Cooperative Surveillance Legacy LRR (EN1017)	Information Exchange [EA FY13]
OI-0303 Traffic Management Initiatives with Flight Specific Trajectories	Operational Improvement [IWP FY13]
OI-0304 Flexible Entry Times for Oceanic Tracks	Operational Improvement [IWP FY13]
OI-0305 Continuous Flight Day Evaluation	Operational Improvement [IWP FY13]
OI-0306 Provide Interactive Flight Planning from Anywhere	Operational Improvement [IWP FY13]
OI-0307 Integrated Arrival/Departure Airspace Management	Operational Improvement [IWP FY13]
OI-0309 Use Optimized Profile Descent	Operational Improvement [IWP FY13]
OI-0310 Improved GA Access to Traverse Terminal Areas	Operational Improvement [IWP FY13]
OI-0311 Increased Capacity and Efficiency Using RNAV and RNP	Operational Improvement [IWP FY13]
OI-0316 Enhanced Visual Separation for Successive Approaches	Operational Improvement [IWP FY13]
OI-0317 Low Visibility/Ceiling Approach Operations	Operational Improvement [IWP FY13]
OI-0318 Current Tactical Management Of Flow in the En Route for Arrivals/Departures	Operational Improvement [IWP FY13]
OI-0320 Initial Surface Traffic Management	Operational Improvement [IWP FY13]
OI-0321 Enhanced Surface Traffic Operations	Operational Improvement [IWP FY13]
OI-0322 Low Visibility Surface Operations	Operational Improvement [IWP FY13]
OI-0325 Time-Based Metering Using RNAV and RNP Route Assignments	Operational Improvement [IWP FY13]
OI-0326 Airborne Merging and Spacing - Single Runway	Operational Improvement [IWP FY13]

Architecture Element	Type
OI-0327 Full Surface Traffic Management with Conformance Monitoring	Operational Improvement [IWP FY13]
OI-0331 Improved Management of Arrival/Surface/Departure Flow Operations	Operational Improvement [IWP FY13]
OI-0333 Improved Parallel Runway Operations	Operational Improvement [IWP FY13]
OI-0334 Independent Converging Approaches in IMC	Operational Improvement [IWP FY13]
OI-0337 Flow Corridors - Level 1 Static	Operational Improvement [IWP FY13]
OI-0338 Efficient Metroplex Merging and Spacing	Operational Improvement [IWP FY13]
OI-0339 Integrated Arrival/Departure and Surface Traffic Management for Metroplex	Operational Improvement [IWP FY13]
OI-0340 Provide Surface Situation to Pilots, Service Providers and Vehicle Operators for Near-Zero-Visibility Surface Operations	Operational Improvement [IWP FY13]
OI-0341 Limited Simultaneous Runway Occupancy	Operational Improvement [IWP FY13]
OI-0343 Reduced Horizontal Separation Standards, En Route - 3 Miles	Operational Improvement [IWP FY13]
OI-0346 Improved Management of Special Activity Airspace	Operational Improvement [IWP FY13]
OI-0347 ADS-B Separation	Operational Improvement [IWP FY13]
OI-0348 Reduce Separation - High Density Terminal, Less Than 3-miles	Operational Improvement [IWP FY13]
OI-0349 Automation Support for Separation Management	Operational Improvement [IWP FY13]
OI-0350 Flexible Routing	Operational Improvement [IWP FY13]
OI-0351 Flexible Airspace Management	Operational Improvement [IWP FY13]
OI-0354 Reduced Oceanic Separation and Enhanced Procedures	Operational Improvement [IWP FY13]
OI-0355 Delegated Responsibility for Horizontal Separation (Lateral and Longitudinal)	Operational Improvement [IWP FY13]
OI-0356 Delegated Separation - Pair-Wise Maneuvers	Operational Improvement [IWP FY13]
OI-0359 Self-Separation Airspace - Oceanic	Operational Improvement [IWP FY13]
OI-0360 Automated Support for Trajectory Negotiation	Operational Improvement [IWP FY13]
OI-0362 Self-Separation Airspace Operations	Operational Improvement [IWP FY13]
OI-0363 Delegated Separation - Complex Procedures	Operational Improvement [IWP FY13]
OI-0365 Advanced Management of Special Activity Airspace	Operational Improvement [IWP FY13]
OI-0366 Dynamic Airspace Performance Designation	Operational Improvement [IWP FY13]
OI-0368 Flow Corridors - Level 2 Dynamic	Operational Improvement [IWP FY13]
OI-0369 Automated Negotiation/Separation Management	Operational Improvement [IWP FY13]

Architecture Element	Type
OI-0370 Trajectory-Based Management - Gate-To-Gate	Operational Improvement [IWP FY13]
OI-0381 Ground Based Augmentation System (GBAS) Precision Approaches	Operational Improvement [IWP FY13]
OI-0383 Improved Runway Safety Situational Awareness for Controllers	Operational Improvement [IWP FY13]
OI-0384 Improve Runway Safety Situational Awareness for Pilots	Operational Improvement [IWP FY13]
OI-0385 Full Collaborative Decision Making	Operational Improvement [IWP FY13]
OI-0386 Expanded Radar-like Services to Secondary Airports	Operational Improvement [IWP FY13]
OI-0387 Dynamic, Pairwise Wake Turbulence Separation	Operational Improvement [IWP FY13]
OI-0388 Low Visibility/Ceiling Takeoff Operations	Operational Improvement [IWP FY13]
OI-0389 Low Visibility/Ceiling Landing Operations	Operational Improvement [IWP FY13]
OI-0390 Low Visibility/Ceiling Departure Operations	Operational Improvement [IWP FY13]
OI-0400 Wake Turbulence Mitigation for Departures (WTMD): Wind-Based Wake Procedures	Operational Improvement [IWP FY13]
OI-0401 Wake Turbulence Mitigation for Arrivals: CSPRs	Operational Improvement [IWP FY13]
OI-0402 Single Runway Departure Wake Mitigation	Operational Improvement [IWP FY13]
OI-0403 Single Runway Arrival Wake Mitigation	Operational Improvement [IWP FY13]
OI-0406 NAS Wide Sector Demand Prediction and Resource Planning	Operational Improvement [IWP FY13]
OI-0408 Provide Full Flight Plan Constraint Evaluation with Feedback	Operational Improvement [IWP FY13]
OI-0409 Remotely Staffed Tower Services	Operational Improvement [IWP FY13]
OI-0410 Automated Virtual Towers	Operational Improvement [IWP FY13]
OI-2010 Net-Enabled Common Weather Information Infrastructure	Operational Improvement [IWP FY13]
OI-2020 Net-Enabled Common Weather Information - Level 1 Initial Capability	Operational Improvement [IWP FY13]
OI-2021 Net-Enabled Common Weather Information - Level 2 Adaptive Control/Enhanced Forecast	Operational Improvement [IWP FY13]
OI-2022 Net-Enabled Common Weather Information - Level 3 Full NextGen	Operational Improvement [IWP FY13]
OI-2023 Initial Integration of Weather Information into NAS Automation and Decision Making	Operational Improvement [IWP FY13]
OI-2024 Full Integration of Weather Information into NAS Automation and Decision Making	Operational Improvement [IWP FY13]
OI-3004 Improved Operational Processes Using the Safety Management System (SMS)	Operational Improvement [IWP FY13]
OI-3101 Enhanced Aviation Safety Information Analysis and Sharing	Operational Improvement [IWP FY13]
OI-3102 Improved Safety for NextGen Evolution	Operational Improvement [IWP FY13]

Architecture Element	Type
OI-3103 Improved Safety of Operational Decision Making	Operational Improvement [IWP FY13]
OI-3104 Enhanced Safety of Airborne Systems	Operational Improvement [IWP FY13]
OI-3105 Enhanced Safety of Ground-based Systems	Operational Improvement [IWP FY13]
OI-3106 Increased International Cooperation for Aviation Safety	Operational Improvement [IWP FY13]
OI-3107 Improved Safety Across Air Transportation System Boundaries	Operational Improvement [IWP FY13]
OI-3108 Improved SMS Standards and Effectiveness	Operational Improvement [IWP FY13]
OI-3109 Enhanced (Automated) Aviation Safety Information Sharing and Analysis Scope and Effectiveness	Operational Improvement [IWP FY13]
OI-4101 Integrated Passenger Screening, Credentialing and Identification - Level 1	Operational Improvement [IWP FY13]
OI-4103 Integrated Aviation Worker Screening and Credentialing	Operational Improvement [IWP FY13]
OI-4105 Improved Passenger Checkpoint Screening - Level 1	Operational Improvement [IWP FY13]
OI-4106 Integrated Passenger Screening, Credentialing and Identification - Level 2	Operational Improvement [IWP FY13]
OI-4107 Improved Passenger Checkpoint Screening - Level 2	Operational Improvement [IWP FY13]
OI-4201 Reduced Threat from Unauthorized Persons Entering Airport - Level 1 Components	Operational Improvement [IWP FY13]
OI-4202 Reduced Threat from Unauthorized Persons Entering Airport - Level 2 LEO Integration	Operational Improvement [IWP FY13]
OI-4203 Reduce CBRNE Threats from Entering Airport	Operational Improvement [IWP FY13]
OI-4204 Common and Synchronized Airport Emergency and Disaster Response	Operational Improvement [IWP FY13]
OI-4300 Improved Baggage Screening - Level 1 Components	Operational Improvement [IWP FY13]
OI-4301 Improved Baggage Screening - Level 2 Integrated	Operational Improvement [IWP FY13]
OI-4400 Improved Processing of Cargo and Mail Transported via SSCE and CSCE	Operational Improvement [IWP FY13]
OI-4401 Improved Cargo and Mail Screening - Level 1 Components	Operational Improvement [IWP FY13]
OI-4403 Improved Cargo and Mail Screening - Level 2 Integrated	Operational Improvement [IWP FY13]
OI-4500 Integrated Flight Risk Management and Risk Mitigation - Level 1 Static	Operational Improvement [IWP FY13]
OI-4502 Integrated Flight Risk Management and Risk Mitigation - Level 2 Dynamic	Operational Improvement [IWP FY13]
OI-4511 Operational Security Capability for Threat Detection and Tracking, NAS Impact Analysis and Risk-Based Assessment	Operational Improvement [IWP FY13]
OI-4512 Operational Security Capability with Dynamic Flight Risk Assessment for Improved Security Airspace Planning and Management	Operational Improvement [IWP FY13]
OI-4520 Integrated Risk-Based Planning and Management of Security Resources	Operational Improvement [IWP FY13]

Architecture Element	Type
OI-4521 Integrated Command/Control for Security Incident Response and Recovery	Operational Improvement [IWP FY13]
OI-4600 Reduced Threat of Aircraft and UAS Destruction or Used as a Weapon	Operational Improvement [IWP FY13]
OI-4601 External Aircraft/UAS Threat Protection	Operational Improvement [IWP FY13]
OI-4602 Secure Aircraft Deployable Incident Data Recorder Systems	Operational Improvement [IWP FY13]
OI-5000 Airport Preservation	Operational Improvement [IWP FY13]
OI-5002 Improved Strategic Management of Existing Infrastructure (Airside)	Operational Improvement [IWP FY13]
OI-5003 Improved Strategic Management of Existing Infrastructure (Landside)	Operational Improvement [IWP FY13]
OI-5004 New Airside Airport Infrastructure	Operational Improvement [IWP FY13]
OI-5005 New Landside Airport Infrastructure	Operational Improvement [IWP FY13]
OI-5006 Coordinated Ramp Operations Management	Operational Improvement [IWP FY13]
OI-5008 Advanced Weather Capability for Airside Facilities	Operational Improvement [IWP FY13]
OI-5009 Improved Tactical Management of Airport Operations	Operational Improvement [IWP FY13]
OI-5010 Advanced Winter Weather Operations - Level 1	Operational Improvement [IWP FY13]
OI-5011 Integrated International Passenger Arrival Processing	Operational Improvement [IWP FY13]
OI-5014 Efficient Passenger Flows In Terminal Buildings	Operational Improvement [IWP FY13]
OI-5015 Off-Airport Passenger and Baggage Processing	Operational Improvement [IWP FY13]
OI-5110 Advanced Winter Weather Operations - Level 2	Operational Improvement [IWP FY13]
OI-6005 Environmentally and Energy Favorable En Route Operations	Operational Improvement [IWP FY13]
OI-6008 Environmentally and Energy Favorable Terminal Operations	Operational Improvement [IWP FY13]
OI-6012 Implement NextGen Environmental Engine and Aircraft Technologies	Operational Improvement [IWP FY13]
OI-6014 Implement EMS Framework	Operational Improvement [IWP FY13]
OI-6017 Increased Use of Alternative Aviation Fuels	Operational Improvement [IWP FY13]
OI-6020 Implement EMS Framework - Enhanced	Operational Improvement [IWP FY13]
OI-6021 Environmentally and Energy Favorable Terminal Operations - Enhanced	Operational Improvement [IWP FY13]
OI-6022 Environmentally and Energy Favorable En Route Operations - Enhanced	Operational Improvement [IWP FY13]
OI-6023 Implement NextGen Environmental Engine and Aircraft Technologies - Enhanced	Operational Improvement [IWP FY13]
OI-7001 Oceanic In-trail Climb and Descent	Operational Improvement [IWP FY13]

Architecture Element	Type
OI-7002 Expanded Traffic Advisory Services Using Digital Traffic Data	Operational Improvement [IWP FY13]
OI-7003 On-Demand NAS Information	Operational Improvement [IWP FY13]
OI-7004 Point-in-Space Metering	Operational Improvement [IWP FY13]
OI-7005 Enhanced Departure Flow Operations	Operational Improvement [IWP FY13]
OI-7007 Initial Conflict Resolution Advisories	Operational Improvement [IWP FY13]
OI-7008 Delegated Responsibility for In-Trail Separation	Operational Improvement [IWP FY13]
OI-7009 ASIAS - Information Sharing and Emergent Trend Detection	Operational Improvement [IWP FY13]
OI-7010 Wake Re-Categorization	Operational Improvement [IWP FY13]
OI-7011 Time-Based Metering in the Terminal Environment	Operational Improvement [IWP FY13]
OI-7012 Provide Full Surface Situation Information	Operational Improvement [IWP FY13]
OI-7013 Automated Support for Conflict Resolution	Operational Improvement [IWP FY13]
Observe Weather Conditions	Operational Activity [EA FY13]
Obtain Flight Plan	System Function [EA FY13]
Obtain Verbal Object Altitude	System Function [EA FY13]
Obtain Verbal Object Identity	System Function [EA FY13]
Operate Air Navigation Assets	Operational Activity [EA FY13]
Operate Airport Assets	Operational Activity [EA FY13]
Operate Fixed-Object Information Assets	Operational Activity [EA FY13]
Operate Surveillance Assets	Operational Activity [EA FY13]
Operate Weather Assets	Operational Activity [EA FY13]
Operate in the Net-Centric Environment	Operational Activity [EA FY13]
Operational Flight Plan	ICOM Arrow [EA FY13]
Operational Flight Plan	Information Exchange [EA FY13]
Operational Personnel (Surveillance)	Operational Node [EA FY13]
Operational Procedure (Air Navigation)	ICOM Arrow [EA FY13]
Operational Procedure (Air Navigation)	Information Exchange [EA FY13]
Operational Procedure (Airport)	ICOM Arrow [EA FY13]

Architecture Element	Type
Operational Procedure (Airport)	Information Exchange [EA FY13]
Operational Procedure (Fixed-Object)	ICOM Arrow [EA FY13]
Operational Procedure (Fixed-Object)	Information Exchange [EA FY13]
Operational Procedure (Surveillance)	ICOM Arrow [EA FY13]
Operational Procedure (Surveillance)	Information Exchange [EA FY13]
Operational Procedure (Weather)	ICOM Arrow [EA FY13]
Operational Procedure (Weather)	Information Exchange [EA FY13]
Operational_Node_1	Operational Node [EA FY13]
Operations Manager (Fixed Object) - Flow Manager	Need Line [EA FY13]
Operations Personnel (ANSP)	ICOM Arrow [EA FY13]
Operations Personnel (ANSP)	Information Exchange [EA FY13]
Operations Personnel (Airport)	ICOM Arrow [EA FY13]
Operations Personnel (Airport)	Information Exchange [EA FY13]
Operations Personnel (Fixed-Object Information) - National Defense Organization	Need Line [EA FY13]
Operations Personnel (Fixed-Object)	ICOM Arrow [EA FY13]
Operations Personnel (Fixed-Object)	Information Exchange [EA FY13]
Operations Personnel (Fixed-Object)	Operational Node [EA FY13]
Operations Personnel (Fixed-Object) - Dispatch - Flight Follower	Need Line [EA FY13]
Operations Personnel (Fixed-Object) - Dispatch Flight Planner	Need Line [EA FY13]
Operations Personnel (Fixed-Object) - Flight Planner (General Aviation)	Need Line [EA FY13]
Operations Personnel (Fixed-Object) - National Defense Organization	Need Line [EA FY13]
Operations Personnel (Fixed-Object) - NextGen Information Consumer	Need Line [EA FY13]
Operations Personnel (Fixed-Object) - Pilot	Need Line [EA FY13]
Operations Personnel (Fixed-Object) - Program Management Office (Fixed-Object)	Need Line [EA FY13]
Operations Personnel (Fixed-Object) - Strategic Controller	Need Line [EA FY13]
Operations Personnel (Surveillance)	ICOM Arrow [EA FY13]
Operations Personnel (Surveillance)	Information Exchange [EA FY13]

Architecture Element	Type
Operations Personnel (Surveillance)	Operational Node [EA FY13]
Operations Personnel (Surveillance) - Dispatch - Flight Planner	Need Line [EA FY13]
Operations Personnel (Surveillance) - Flight Follower	Need Line [EA FY13]
Operations Personnel (Surveillance) - Flight Planner (General Aviation)	Need Line [EA FY13]
Operations Personnel (Surveillance) - Flow Manager	Need Line [EA FY13]
Operations Personnel (Surveillance) - Operations Personnel (Surveillance)	Need Line [EA FY13]
Operations Personnel (Surveillance) - Pilot	Need Line [EA FY13]
Operations Personnel (Surveillance) - Program Management Office (Surveillance)	Need Line [EA FY13]
Operations Personnel (Surveillance) - Strategic Controller	Need Line [EA FY13]
Operations Personnel (Weather)	ICOM Arrow [EA FY13]
Operations Personnel (Weather)	Information Exchange [EA FY13]
Operations Personnel (Weather)	Operational Node [EA FY13]
Operations Personnel (Weather) - Operations Personnel (Weather)	Need Line [EA FY13]
Operations Personnel (Weather) - Program Management Office	Need Line [EA FY13]
Operations Personnel (Weather) - Program Management Office (Weather)	Need Line [EA FY13]
Other Government Agency	Organization [IWP FY13]
PI-0001 Airline Operation Centers (AOC) Equipage Implementation Policy	Policy Issue [IWP FY13]
PI-0002 NextGen Facilities	Policy Issue [IWP FY13]
PI-0004 ATM Automation Development, Performance and Interoperability Standards	Policy Issue [IWP FY13]
PI-0006 Balance of Human vs. Automation	Policy Issue [IWP FY13]
PI-0007 Operational Incentives for NextGen Equipped Aircraft	Policy Issue [IWP FY13]
PI-0008 General Aviation Benefits	Policy Issue [IWP FY13]
PI-0009 National Integrated Surveillance Plan	Policy Issue [IWP FY13]
PI-0010 National Surveillance Strategy	Policy Issue [IWP FY13]
PI-0012 Surveillance - Global Harmonization	Policy Issue [IWP FY13]
PI-0014 Financial Assistance for Equipage of NextGen Avionics	Policy Issue [IWP FY13]
PI-0017 Communications Architecture Plan for Ground, Space, Airborne, and/or Performance-Based Architectures	Policy Issue [IWP FY13]

Architecture Element	Type
PI-0021 Protection of Data Shared Over-The-Air	Policy Issue [IWP FY13]
PI-0022 GPS Policy to Support Civil NextGen PNT Requirements	Policy Issue [IWP FY13]
PI-0024 Secure Information Exchange	Policy Issue [IWP FY13]
PI-0030 Interagency Agreement to Implement Safety Management System Standard	Policy Issue [IWP FY13]
PI-0031 Safety National Leadership Organization	Policy Issue [IWP FY13]
PI-0032 Government-Wide Safety Information Sharing	Policy Issue [IWP FY13]
PI-0033 National Aviation Safety Strategic Plan (NASSP)	Policy Issue [IWP FY13]
PI-0036 Airport Advocacy Program	Policy Issue [IWP FY13]
PI-0037 Airport-Compatible Land Use	Policy Issue [IWP FY13]
PI-0038 Small-Hub, Non-Hub, Non-Primary, General Aviation and Reliever Airport Finance	Policy Issue [IWP FY13]
PI-0039 Hazards to Air Navigation Enforcement Policy	Policy Issue [IWP FY13]
PI-0044 Airport Land Banking	Policy Issue [IWP FY13]
PI-0045 Airport Ground Transportation Access	Policy Issue [IWP FY13]
PI-0046 Role of the Federal Government in Airport Capacity Enhancements	Policy Issue [IWP FY13]
PI-0047 Role of Federal Government in Conversion of Former Military Air Bases to Civil Aviation Use	Policy Issue [IWP FY13]
PI-0048 Airport Preservation	Policy Issue [IWP FY13]
PI-0065 Airspace Regulatory Changes - Global Harmonization	Policy Issue [IWP FY13]
PI-0069 Congestion Management Program	Policy Issue [IWP FY13]
PI-0071 Defense System Standards - Global Harmonization	Policy Issue [IWP FY13]
PI-0072 Use of Unmanned Aircraft for Security Missions	Policy Issue [IWP FY13]
PI-0073 Frequency/Spectrum - Global Harmonization	Policy Issue [IWP FY13]
PI-0074 General Aviation Airport Security Requirements	Policy Issue [IWP FY13]
PI-0075 PNT Services - Global Harmonization	Policy Issue [IWP FY13]
PI-0077 High Density Operations - Flight Prioritization	Policy Issue [IWP FY13]
PI-0079 Global Security	Policy Issue [IWP FY13]
PI-0080 Screening Requirement For Meeters And Greeters	Policy Issue [IWP FY13]
PI-0081 Perimeter Security	Policy Issue [IWP FY13]

Architecture Element	Type
PI-0086 Weather Information Policy - Global Harmonization	Policy Issue [IWP FY13]
PI-0087 Weather Information Policy - Use of Single Authoritative Source in ATM Decisions	Policy Issue [IWP FY13]
PI-0088 Federal vs. Private Role In Weather Services	Policy Issue [IWP FY13]
PI-0089 Weather Avoidance Decision Making Responsibilities	Policy Issue [IWP FY13]
PI-0091 Airport Worker Vetting	Policy Issue [IWP FY13]
PI-0092 Network-Enabled Aviation Safety Information Sharing Environment - Stakeholders	Policy Issue [IWP FY13]
PI-0094 Aviation Safety - Global Harmonization	Policy Issue [IWP FY13]
PI-0095 National Security Policies for Passenger and Cargo Screening	Policy Issue [IWP FY13]
PI-0096 Security Financing Responsibility for Passenger and Cargo Screening	Policy Issue [IWP FY13]
PI-0097 Airport Emergency Response	Policy Issue [IWP FY13]
PI-0098 Non-Cooperative Target Detection and Tracking Responsibility	Policy Issue [IWP FY13]
PI-0099 Air Cargo and Mail Security Requirements	Policy Issue [IWP FY13]
PI-0100 Certified Supply Chain Entity (CSCE)	Policy Issue [IWP FY13]
PI-0101 Initial Aviation Environmental Policy	Policy Issue [IWP FY13]
PI-0102 Initial NextGen Long-Term Environmental Goals and Targets	Policy Issue [IWP FY13]
PI-0103 Refined Aviation Environmental Policy	Policy Issue [IWP FY13]
PI-0104 Initial EMS Approach	Policy Issue [IWP FY13]
PI-0105 Refined NextGen Long-Term Environmental Targets	Policy Issue [IWP FY13]
PI-0106 Evolved EMS Approach	Policy Issue [IWP FY13]
PI-0107 Intermodal Safety Management Integration	Policy Issue [IWP FY13]
PI-0108 Certifying Use of Net-Centric Information	Policy Issue [IWP FY13]
PI-0109 Environmental Technologies Development	Policy Issue [IWP FY13]
PI-0110 International Commercial Space Operations	Policy Issue [IWP FY13]
PI-0111 Airport Security Governance	Policy Issue [IWP FY13]
PI-0112 Dynamic Environmental Management Systems Approach	Policy Issue [IWP FY13]
PI-0113 Environmental Impact Modeling and Assessment	Policy Issue [IWP FY13]
PI-0114 Environmental Standards - Global Harmonization	Policy Issue [IWP FY13]

Architecture Element	Type
PI-0115 NextGen Safety Assessment/Certification - Synchronization of Aircraft and ANS Capabilities	Policy Issue [IWP FY13]
PI-0116 NextGen Safety Assessment/Certification - Standards and Tools	Policy Issue [IWP FY13]
PI-0117 NextGen Safety Assessment/Certification - Resources	Policy Issue [IWP FY13]
PI-0120 PNT Performance Requirements	Policy Issue [IWP FY13]
PNT Tool	ICOM Arrow [EA FY13]
PNT Tool	Information Exchange [EA FY13]
Passenger	ICOM Arrow [EA FY13]
Passenger	Information Exchange [EA FY13]
Passenger Documentation	ICOM Arrow [EA FY13]
Passenger Documentation	Information Exchange [EA FY13]
Perform Airborne Flight Navigation	Operational Activity [EA FY13]
Perform Aircraft Maintenance Services	Operational Activity [EA FY13]
Perform Airport Certifications	Operational Activity [EA FY13]
Perform Airport Emergency Operations	Operational Activity [EA FY13]
Perform Airport Security	Operational Activity [EA FY13]
Perform Airside Operations	Operational Activity [EA FY13]
Perform De-Icing/Anti-Icing Operations	Operational Activity [EA FY13]
Perform Flight Operator Certification	Operational Activity [EA FY13]
Perform Landside Operations	Operational Activity [EA FY13]
Perform Quality Processing	System Function [EA FY13]
Perform Ramp Operations	Operational Activity [EA FY13]
Perform Self-Separation	Operational Activity [EA FY13]
Perform Surface Flight Navigation	Operational Activity [EA FY13]
Perform Weather Observation Calculations and Interpolations	System Function [EA FY13]
Performance Monitoring Tool (Air Navigation)	ICOM Arrow [EA FY13]
Performance Monitoring Tool (Air Navigation)	Information Exchange [EA FY13]
Performance Monitoring Tool (Airport)	ICOM Arrow [EA FY13]

Architecture Element	Type
Performance Monitoring Tool (Airport)	Information Exchange [EA FY13]
Performance Monitoring Tool (Fixed-Object)	ICOM Arrow [EA FY13]
Performance Monitoring Tool (Fixed-Object)	Information Exchange [EA FY13]
Performance Monitoring Tool (Surveillance)	ICOM Arrow [EA FY13]
Performance Monitoring Tool (Surveillance)	Information Exchange [EA FY13]
Performance Monitoring Tool (Weather)	ICOM Arrow [EA FY13]
Performance Monitoring Tool (Weather)	Information Exchange [EA FY13]
Performance Report (Air Navigation)	ICOM Arrow [EA FY13]
Performance Report (Air Navigation)	Information Exchange [EA FY13]
Performance Report (Airport)	ICOM Arrow [EA FY13]
Performance Report (Airport)	Information Exchange [EA FY13]
Performance Report (Fixed-Object)	ICOM Arrow [EA FY13]
Performance Report (Fixed-Object)	Information Exchange [EA FY13]
Performance Report (Surveillance)	ICOM Arrow [EA FY13]
Performance Report (Surveillance)	Information Exchange [EA FY13]
Performance Report (Weather)	ICOM Arrow [EA FY13]
Performance Report (Weather)	Information Exchange [EA FY13]
Performance Request (Airport)	Information Exchange [EA FY13]
Phase of Flight (Departure Taxi)	ICOM Arrow [EA FY13]
Phase of Flight (Departure Taxi)	Information Exchange [EA FY13]
Pilot	ICOM Arrow [EA FY13]
Pilot	Information Exchange [EA FY13]
Pilot	Operational Node [EA FY13]
Pilot - Dispatch - Flight Follower	Need Line [EA FY13]
Pilot - Dispatch - Flight Planner	Need Line [EA FY13]
Pilot - Flight Planner (General Aviation)	Need Line [EA FY13]
Pilot - Flow Manger	Need Line [EA FY13]

Architecture Element	Type
Pilot - Meteorologist	Need Line [EA FY13]
Pilot - Operations Personnel (Surveillance)	Need Line [EA FY13]
Pilot - Operations Personnel (Weather)	Need Line [EA FY13]
Pilot - Pilot	Need Line [EA FY13]
Pilot - Program Management Office (Surveillance)	Need Line [EA FY13]
Pilot - Program Management Office (Weather)	Need Line [EA FY13]
Pilot - Ramp Controller	Need Line [EA FY13]
Pilot - Strategic Controller	Need Line [EA FY13]
Pilot - Tactical Controller	Need Line [EA FY13]
Plan Air Navigation Service	Operational Activity [EA FY13]
Plan Airport Assets	Operational Activity [EA FY13]
Plan Fixed-Object Information Service	Operational Activity [EA FY13]
Plan Flight Operator Schedule	Operational Activity [EA FY13]
Plan Net-Centric Environment	Operational Activity [EA FY13]
Plan Surveillance Service	Operational Activity [EA FY13]
Plan Weather Service	Operational Activity [EA FY13]
Planning Support Tool	ICOM Arrow [EA FY13]
Planning Support Tool	Information Exchange [EA FY13]
Policy/Standard Request (Air Navigation)	ICOM Arrow [EA FY13]
Policy/Standard Request (Air Navigation)	Information Exchange [EA FY13]
Policy/Standard Request (Airport)	ICOM Arrow [EA FY13]
Policy/Standard Request (Airport)	Information Exchange [EA FY13]
Policy/Standard Request (Fixed-Object)	ICOM Arrow [EA FY13]
Policy/Standard Request (Fixed-Object)	Information Exchange [EA FY13]
Policy/Standard Request (Surveillance)	ICOM Arrow [EA FY13]
Policy/Standard Request (Surveillance)	Information Exchange [EA FY13]
Policy/Standard Request (Weather)	ICOM Arrow [EA FY13]

Architecture Element	Type
Policy/Standard Request (Weather)	Information Exchange [EA FY13]
Position and Time	System Function [EA FY13]
Pre-Boarding Report	ICOM Arrow [EA FY13]
Pre-Boarding Report	Information Exchange [EA FY13]
Pre-Flight Briefing	ICOM Arrow [EA FY13]
Pre-Flight Briefing	Information Exchange [EA FY13]
Predictive Weather Model	ICOM Arrow [EA FY13]
Predictive Weather Model	Information Exchange [EA FY13]
Primary Radar	ICOM Arrow [EA FY13]
Primary Radar	Information Exchange [EA FY13]
Private Weather Information	ICOM Arrow [EA FY13]
Private Weather Information	Information Exchange [EA FY13]
Private Weather Service Provider	Operational Node [EA FY13]
Private Weather Service Provider - Meteorologist	Need Line [EA FY13]
Process Baggage and Cargo at Destination	Operational Activity [EA FY13]
Produce Fixed-Object Information	Operational Activity [EA FY13]
Produce Surveillance Information	Operational Activity [EA FY13]
Produce Weather Information	Operational Activity [EA FY13]
Program Management (Surveillance) - Operations Personnel (Surveillance)	Need Line [EA FY13]
Program Management (Surveillance) - R&D Personnel (Surveillance)	Need Line [EA FY13]
Program Management Office (ANSP)	ICOM Arrow [EA FY13]
Program Management Office (ANSP) - Airport Planning Office	Need Line [EA FY13]
Program Management Office (ANSP) - Airport Planning Office	Need Line [EA FY13]
Program Management Office (ANSP) - Airside Operations Personnel	Need Line [EA FY13]
Program Management Office (ANSP) - Capacity Manager	Need Line [EA FY13]
Program Management Office (ANSP) - Governance Body (ANSP)	Need Line [EA FY13]
Program Management Office (ANSP) - Landside Operations Personnel	Need Line [EA FY13]

Architecture Element	Type
Program Management Office (ANSP) - Program Management Office (ANSP)	Need Line [EA FY13]
Program Management Office (ANSP) - R&D Personnel (ANSP)	Need Line [EA FY13]
Program Management Office (ANSP) - Ramp Controller	Need Line [EA FY13]
Program Management Office (ANSP) - Security Personnel (Airport)	Need Line [EA FY13]
Program Management Office (Air Navigation)	ICOM Arrow [EA FY13]
Program Management Office (Air Navigation)	Information Exchange [EA FY13]
Program Management Office (Air Navigation)	Operational Node [EA FY13]
Program Management Office (Air Navigation) - Flow Manager	Need Line [EA FY13]
Program Management Office (Air Navigation) - Landside Operations Personnel	Need Line [EA FY13]
Program Management Office (Air Navigation) - Maintenance Personnel (Air Navigati	Need Line [EA FY13]
Program Management Office (Air Navigation) - Strategic Controller	Need Line [EA FY13]
Program Management Office (Air Navigation) - Tactical Controller	Need Line [EA FY13]
Program Management Office (Airport)	Information Exchange [EA FY13]
Program Management Office (Fixed-Object)	ICOM Arrow [EA FY13]
Program Management Office (Fixed-Object)	Information Exchange [EA FY13]
Program Management Office (Fixed-Object)	Operational Node [EA FY13]
Program Management Office (Fixed-Object) - Governance Body (Fixed-Object)	Need Line [EA FY13]
Program Management Office (Fixed-Object) - Operations Personnel (Fixed-Object)	Need Line [EA FY13]
Program Management Office (Fixed-Object) - Program Management Office (Fixed-Obje	Need Line [EA FY13]
Program Management Office (Surveillance)	ICOM Arrow [EA FY13]
Program Management Office (Surveillance)	Information Exchange [EA FY13]
Program Management Office (Surveillance)	Operational Node [EA FY13]
Program Management Office (Surveillance) - Air Traffic Surveillance Officer	Need Line [EA FY13]
Program Management Office (Surveillance) - Aircraft Owner/Operator	Need Line [EA FY13]
Program Management Office (Surveillance) - Governance Body (Surveillance)	Need Line [EA FY13]
Program Management Office (Surveillance) - Operations Personnel (Surveillance)	Need Line [EA FY13]
Program Management Office (Surveillance) - Pilot	Need Line [EA FY13]

Architecture Element	Type
Program Management Office (Surveillance) - Program Management Office (Surveillan	Need Line [EA FY13]
Program Management Office (Surveillance) - R&D Personnel (Surveillance)	Need Line [EA FY13]
Program Management Office (Weather)	ICOM Arrow [EA FY13]
Program Management Office (Weather)	Information Exchange [EA FY13]
Program Management Office (Weather)	Operational Node [EA FY13]
Program Management Office (Weather) - Governance Body (Weather)	Need Line [EA FY13]
Program Management Office (Weather) - Operations Personnel (Weather)	Need Line [EA FY13]
Program Management Office (Weather) - Pilot	Need Line [EA FY13]
Program Management Office (Weather) - R&D Personnel (Weather)	Need Line [EA FY13]
Program Management Office - Aircraft Owner/Operator	Need Line [EA FY13]
Program Management Office - Airline Operations Personnel	Need Line [EA FY13]
Program Management Office - Governance Body (Weather)	Need Line [EA FY13]
Program Management Office - Operations Personnel (Weather)	Need Line [EA FY13]
Program Management Office - R&D Personnel	Need Line [EA FY13]
Program Mangement Office (Weather) - Program Management Office (Weather)	Need Line [EA FY13]
Proposed Flight Plan	ICOM Arrow [EA FY13]
Proposed Flight Plan	Information Exchange [EA FY13]
Proposed Flight Plan Amendment	ICOM Arrow [EA FY13]
Proposed Flight Plan Amendment	Information Exchange [EA FY13]
Provide ANSP Separation Control	Operational Activity [EA FY13]
Provide Air Navigation Services	Operational Activity [EA FY13]
Provide Airborne Flight Monitoring	Operational Activity [EA FY13]
Provide Aircraft Own-Ship Position Information	Operational Activity [EA FY13]
Provide Airport Services	Operational Activity [EA FY13]
Provide Climatology Data	System Function [EA FY13]
Provide Communications Infrastructure	Operational Activity [EA FY13]
Provide Computing Services	Operational Activity [EA FY13]

Architecture Element	Type
Provide Core Services	Operational Activity [EA FY13]
Provide Enterprise Service Management	Operational Activity [EA FY13]
Provide Fixed-Object Information	Operational Activity [EA FY13]
Provide Flight Operator Services	Operational Activity [EA FY13]
Provide IA/ Security	Operational Activity [EA FY13]
Provide Information Services	Operational Activity [EA FY13]
Provide Intermodal Transportation Service	Operational Activity [EA FY13]
Provide Knowledge Management	Operational Activity [EA FY13]
Provide Mission/Business Services	Operational Activity [EA FY13]
Provide Non-4-D Weather Single Authoritative Source Products	System Function [EA FY13]
Provide Private Weather Information	System Function [EA FY13]
Provide Risk Management Services	Operational Activity [EA FY13]
Provide Surface Vehicle Own-Ship Position Information	Operational Activity [EA FY13]
Provide Surveillance Information	Operational Activity [EA FY13]
Provide Weather Information	Operational Activity [EA FY13]
Provision Aircraft	Operational Activity [EA FY13]
Provisioning Report	ICOM Arrow [EA FY13]
Provisioning Report	Information Exchange [EA FY13]
Push Back from Gate	Operational Activity [EA FY13]
R&D Personnel (ANSP)	ICOM Arrow [EA FY13]
R&D Personnel (ANSP) - Airport Management Office	Need Line [EA FY13]
R&D Personnel (ANSP) - Airport Planning/Engineering Office	Need Line [EA FY13]
R&D Personnel (ANSP) - Program Mangement Office (ANSP)	Need Line [EA FY13]
R&D Personnel (Air Navigation)	ICOM Arrow [EA FY13]
R&D Personnel (Air Navigation)	Information Exchange [EA FY13]
R&D Personnel (Air Navigation)	Operational Node [EA FY13]
R&D Personnel (Airport)	ICOM Arrow [EA FY13]

Architecture Element	Type
R&D Personnel (Airport)	Information Exchange [EA FY13]
R&D Personnel (Airport)	Operational Node [EA FY13]
R&D Personnel (Airport) - Airport Management Office	Need Line [EA FY13]
R&D Personnel (Fixed-Object)	ICOM Arrow [EA FY13]
R&D Personnel (Fixed-Object)	Information Exchange [EA FY13]
R&D Personnel (Surveillance)	ICOM Arrow [EA FY13]
R&D Personnel (Surveillance)	Information Exchange [EA FY13]
R&D Personnel (Surveillance)	Operational Node [EA FY13]
R&D Personnel (Surveillance) - Program Management Office (Surveillance)	Need Line [EA FY13]
R&D Personnel (Surveillance) - Program Managment Office (Surveillance)	Need Line [EA FY13]
R&D Personnel (Weather)	ICOM Arrow [EA FY13]
R&D Personnel (Weather)	Information Exchange [EA FY13]
R&D Personnel (Weather)	Operational Node [EA FY13]
R&D Personnel (Weather) - Program Management Office (Weather)	Need Line [EA FY13]
R&D Personnel - Program Management Office	Need Line [EA FY13]
R&D Request (Air Navigation)	ICOM Arrow [EA FY13]
R&D Request (Air Navigation)	Information Exchange [EA FY13]
R&D Request (Airport)	ICOM Arrow [EA FY13]
R&D Request (Airport)	Information Exchange [EA FY13]
R&D Request (Surveillance)	ICOM Arrow [EA FY13]
R&D Request (Surveillance)	Information Exchange [EA FY13]
R&D Request (Weather)	ICOM Arrow [EA FY13]
R&D Request (Weather)	Information Exchange [EA FY13]
R&D Result (Air Navigation)	ICOM Arrow [EA FY13]
R&D Result (Air Navigation)	Information Exchange [EA FY13]
R&D Result (Airport)	ICOM Arrow [EA FY13]
R&D Result (Airport)	Information Exchange [EA FY13]

Architecture Element	Type
R&D Result (Surveillance)	ICOM Arrow [EA FY13]
R&D Result (Surveillance)	Information Exchange [EA FY13]
R&D Result (Weather)	ICOM Arrow [EA FY13]
R&D Result (Weather)	Information Exchange [EA FY13]
R-0020 Applied Research on Vulnerability Discovery	Research Activity [IWP FY13]
R-0040 Applied Research on Critical NextGen Aircraft Capabilities	Research Activity [IWP FY13]
R-0050 Applied Research on Sustainable Environmental Ramp Operations	Research Activity [IWP FY13]
R-0060 Applied Research on Intermodal Travel Behavior in High-Density Corridors	Research Activity [IWP FY13]
R-0070 Applied Research on Optimizing Landside Design to Promote Passenger Movement	Research Activity [IWP FY13]
R-0080 Applied Research of Best Management Practices for Regional System Planning	Research Activity [IWP FY13]
R-0100 Applied Research on Accuracy and Resolution Requirements for NextGen Weather Forecasts	Research Activity [IWP FY13]
R-0110 Applied Research on the Integration of Forecast and Observational Data	Research Activity [IWP FY13]
R-0120 Applied Research on Low-Visibility and Surface Operation Technologies	Research Activity [IWP FY13]
R-0130 Applied Research on Automation-Assisted Collaboration Capabilities	Research Activity [IWP FY13]
R-0140 Applied Research on 4DT Use in Clearances and Flight Plans	Research Activity [IWP FY13]
R-0180 Applied Research on Secure Information Exchanges at Command and Control Facilities	Research Activity [IWP FY13]
R-0200 Applied Research on Noise and Emissions Relationship Science and Models	Research Activity [IWP FY13]
R-0230 Applied Research on Facility-Independent Techniques for Networked Facility Operations	Research Activity [IWP FY13]
R-0270 Applied Research on a National Surveillance and Communications Needs Assessment	Research Activity [IWP FY13]
R-0310 Basic Research on Airport System Evolution in Large Metropolitan Areas	Research Activity [IWP FY13]
R-0340 Applied Research on 3D RNAV/RNP Procedures	Research Activity [IWP FY13]
R-0350 Applied Research on Air and Ground-Based Runway Incursion Detection Technologies	Research Activity [IWP FY13]
R-0370 Applied Research on Advanced Scheduling Concepts in Congested Terminal Airspace	Research Activity [IWP FY13]
R-0410 Applied Research on the Integration of Arrival/Departure and Surface Operations	Research Activity [IWP FY13]
R-0470 Applied Research on Radio Spectrum Needs and Alternatives	Research Activity [IWP FY13]
R-0500 Applied Research on Variable Separation Standards	Research Activity [IWP FY13]

Architecture Element	Type
R-0510 Applied Research on Air and Ground Separation Management Architectures	Research Activity [IWP FY13]
R-0530 Applied Research on Automated Air and Ground Separation Management Alternatives	Research Activity [IWP FY13]
R-0540 Applied Research on Flexible Airspace Design Configurations	Research Activity [IWP FY13]
R-0580 Applied Research for Initial Probabilistic Weather Forecasts	Research Activity [IWP FY13]
R-0590 Applied Research on Optimizing Visual Flight Rule (VFR) Operations	Research Activity [IWP FY13]
R-0600 Applied Research on Assessing and Predicting Wake Severity	Research Activity [IWP FY13]
R-0610 Applied Research on Safe Taxi Operations in Low Visibility Conditions	Research Activity [IWP FY13]
R-0630 Applied Research on Effective Surface Management in Various Weather Conditions	Research Activity [IWP FY13]
R-0640 Applied Research on Metroplex Throughput Optimization	Research Activity [IWP FY13]
R-0660 Applied Research on Integrating NextGen Information into an Automated Environment	Research Activity [IWP FY13]
R-0670 Applied Research on Applying "Control by Points" TMI	Research Activity [IWP FY13]
R-0680 Applied Research on the Methodologies for Dynamically Allocating NAS Resources	Research Activity [IWP FY13]
R-0690 Applied Research on an ATS Safety Baseline	Research Activity [IWP FY13]
R-0700 Applied Research on Efficient Screening Checkpoint Design Models	Research Activity [IWP FY13]
R-0740 Applied Research on "Drop-in" Alternative Aviation Fuels	Research Activity [IWP FY13]
R-0760 Applied Research on Water Pollution Impacts and Mitigation Options	Research Activity [IWP FY13]
R-0770 Applied Research on Dynamically Allocating National Airspace System (NAS) Demand	Research Activity [IWP FY13]
R-0780 Applied Research of Air Navigation Service Providers (ANSP) Roles and Responsibilities	Research Activity [IWP FY13]
R-0790 Applied Research for a National Surveillance Architecture	Research Activity [IWP FY13]
R-0800 Applied Research on Certification Methods, Requirements, and Equipment Standards	Research Activity [IWP FY13]
R-0810 Applied Research on Noise, Emissions, and Performance Trade-offs for N+1 Aircraft	Research Activity [IWP FY13]
R-0820 Applied Research for Required Aircraft 4DT Intent Data	Research Activity [IWP FY13]
R-0860 Applied Research on Hazard Information Exchange using Aircraft Sensor Technology	Research Activity [IWP FY13]
R-0910 Applied Research on Optimizing Overlapping Runway Occupancies	Research Activity [IWP FY13]
R-0930 Applied Research on Low Visibility Independent Parallel and Converging Approach Procedures	Research Activity [IWP FY13]
R-0940 Applied Research on the Roles and Responsibilities in a Shared Information Environment	Research Activity [IWP FY13]

Architecture Element	Type
R-0950 Applied Research on Net-Centric Stakeholder Access to NextGen Information	Research Activity [IWP FY13]
R-0960 Applied Research on 4D Trajectory Evaluation, Planning, Presentation and Negotiation	Research Activity [IWP FY13]
R-0980 Applied Research on Sensor Threat Detection and Screening Technology	Research Activity [IWP FY13]
R-0990 Applied Research on Aircraft Support Systems	Research Activity [IWP FY13]
R-1000 Applied Research on Efficient Baggage Screening Design Models	Research Activity [IWP FY13]
R-1030 Applied Research on Environmental Metrics for New and Alternative Vehicle Classes	Research Activity [IWP FY13]
R-1040 Applied Research on the Virtual Tower Capability	Research Activity [IWP FY13]
R-1050 Applied Research on Airspace Assignment Methods	Research Activity [IWP FY13]
R-1060 Applied Research on NextGen Team Size Optimization	Research Activity [IWP FY13]
R-1080 Applied Research on the Service Benefits and Costs for NextGen Aircraft Capabilities	Research Activity [IWP FY13]
R-1120 Applied Research on Automated Flight and Flow Evaluation and Resolution Capabilities	Research Activity [IWP FY13]
R-1130 Applied Research on an Automated Capacity Management Capability	Research Activity [IWP FY13]
R-1150 Applied Research on Airframe and Aircraft System Weather Mitigation Technique Benefits	Research Activity [IWP FY13]
R-1160 Applied Research on Cargo/Mail Threat Detection and Screening Technologies	Research Activity [IWP FY13]
R-1170 Applied Research on Flight Risk Assessment Algorithms	Research Activity [IWP FY13]
R-1190 Applied Research on Certification Methods, Requirements, and Standards for UASs	Research Activity [IWP FY13]
R-1230 Applied Research on Weather and Wake Impacts for En Route Operations	Research Activity [IWP FY13]
R-1240 Applied Research on Low Visibility Dependent Multiple Approach Procedures	Research Activity [IWP FY13]
R-1270 Applied Research on Advanced Materials and Design for New Aircraft	Research Activity [IWP FY13]
R-1280 Applied Research on System Health Management	Research Activity [IWP FY13]
R-1290 Applied Research for Upset Condition Prevention and Recovery	Research Activity [IWP FY13]
R-1300 Applied Research on Modular Components used in Threat Detection and Screening Technologies	Research Activity [IWP FY13]
R-1310 Applied Research on a Checked Baggage Threat Detection and Screening System	Research Activity [IWP FY13]
R-1330 Applied Research on Noise and Emissions Analysis Tools	Research Activity [IWP FY13]
R-1340 Applied Research on Aviation Procedures to Reduce Environmental Impacts	Research Activity [IWP FY13]
R-1370 Applied Research on the Operational Concept for UASs in Trajectory-Based Airspace	Research Activity [IWP FY13]

Architecture Element	Type
R-1380 Applied Research on Rotorcraft Configurations	Research Activity [IWP FY13]
R-1390 Applied Research on Off-Airport Passenger and Baggage Processing	Research Activity [IWP FY13]
R-1410 Applied Research on Noise, Emissions, and Performance Trade-offs for N+2 Aircraft	Research Activity [IWP FY13]
R-1430 Applied Research on Human/Automation Roles in High-Density Surface Operations	Research Activity [IWP FY13]
R-1440 Applied Research on Complex Systems Validation and Verification	Research Activity [IWP FY13]
R-1450 Applied Research into Generation After Next (N+2) Vehicle Technologies	Research Activity [IWP FY13]
R-1460 Applied Research on Common Surface Automation Platform	Research Activity [IWP FY13]
R-1520 Applied Research on the Role of Human Forecasters and Automated Systems	Research Activity [IWP FY13]
R-1570 Applied Research on Overland Supersonic Cruise Aircraft	Research Activity [IWP FY13]
R-1580 Applied Research on an Airborne Collision Avoidance System	Research Activity [IWP FY13]
R-1590 Applied Research for Required Oceanic Flight Profile Information	Research Activity [IWP FY13]
R-1600 Applied Research on Aircraft-Based CNS Technologies in Self-Separation Airspace	Research Activity [IWP FY13]
R-1620 Applied Research on Spacing Management in Congested En Route Airspace	Research Activity [IWP FY13]
R-1630 Applied Research on the Corridor-in-the-Sky Concept	Research Activity [IWP FY13]
R-1750 Applied Research on the Policy and Procedures to Reduce Aviation Environmental Impact	Research Activity [IWP FY13]
R-1760 Applied Research on the Methodologies and Metrics to Assess Climate Change Impacts	Research Activity [IWP FY13]
R-1780 Applied Research on Tools and Metrics to Model the Impacts of Emissions	Research Activity [IWP FY13]
R-1800 Applied Research on a Low Frequency GBNS	Research Activity [IWP FY13]
R-1810 Applied Research on a Low Cost Inertial Navigation System (INS)	Research Activity [IWP FY13]
R-2112 Applied Research on Weather Integration into NextGen Decision Making	Research Activity [IWP FY13]
R-2114 Applied Research on Improved Weather Sensing and Forecasting Models	Research Activity [IWP FY13]
R-2116 Applied Research on Real-time Airport Gate Assignment	Research Activity [IWP FY13]
R-2118 Applied Research on NextGen Lighting Systems	Research Activity [IWP FY13]
R-2121 Applied Research of Human Performance Models	Research Activity [IWP FY13]
R-2122 Applied Research on System Risk Assessment and Management Models	Research Activity [IWP FY13]
R-2124 Applied Research on Ultra-Low Sulfur Conventional Jet Fuels	Research Activity [IWP FY13]
R-2126 Applied Research on Airframe Designs to Accelerate Wake Vortex Decay	Research Activity [IWP FY13]

Architecture Element	Type
R-2128 Applied Research on Integrated Voice/Data and Air/Ground Network Communications	Research Activity [IWP FY13]
R-2130 Applied Research on Risk-Reducing Systems Interfaces, Procedures, and Training	Research Activity [IWP FY13]
R-2132 Applied Research on Contributing Factor Analysis	Research Activity [IWP FY13]
R-2134 Applied Research on Prognostic Risk Management	Research Activity [IWP FY13]
R-2136 Applied Research on Fault Management	Research Activity [IWP FY13]
R-2138 Applied Research on Human Error Using Automated Systems	Research Activity [IWP FY13]
R-2139 Applied Research on Net-Enabled Operations Proof of Concept	Research Activity [IWP FY13]
R-2146 Applied Research on Cost, Incentives, and Feasibility of Making Small Airports Commercially Viable	Research Activity [IWP FY13]
R-2148 Applied Research on Tactical Conflict Detection and Resolution Concepts in Congested Terminal Airspace	Research Activity [IWP FY13]
R-2150 Applied Research on the Interval Management Concept	Research Activity [IWP FY13]
R-2152 Applied Research on Generic Airspace Characteristics	Research Activity [IWP FY13]
R-2154 Applied Research on the Multi-Sector Planner Concept	Research Activity [IWP FY13]
R-2156 Applied Research on the Flow-Based Trajectory Management Concept	Research Activity [IWP FY13]
R-2158 Surface Trajectory Prediction and Conformance Monitoring Algorithm	Research Activity [IWP FY13]
R-2160 Ground-based Surface Conflict Detection and Resolution Algorithm	Research Activity [IWP FY13]
R-2162 Flight Deck Conflict Detection and Resolution	Research Activity [IWP FY13]
R-2164 Applied Research on Human/Automation Information Requirements and Decision Making Guidelines	Research Activity [IWP FY13]
R-2166 Metroplex Operational Concept	Research Activity [IWP FY13]
R-2168 Operational Concept for Surface Trajectory-based Operations	Research Activity [IWP FY13]
RITA	Organization [IWP FY13]
RTCA	Organization [IWP FY13]
Ramp Controller	ICOM Arrow [EA FY13]
Ramp Controller	Operational Node [EA FY13]
Ramp Controller - Airside Operations Personnel	Need Line [EA FY13]
Ramp Controller - Airside Operations Personnel	Need Line [EA FY13]
Ramp Controller - Maintenance Personnel (Airport)	Need Line [EA FY13]

Architecture Element	Type
Ramp Controller - Pilot	Need Line [EA FY13]
Ramp Controller - Security Personnel (Airport)	Need Line [EA FY13]
Ramp Operations Report	ICOM Arrow [EA FY13]
Ramp Operations Report	Information Exchange [EA FY13]
Recommended Adjustment Alternative (Air Navigation)	ICOM Arrow [EA FY13]
Recommended Adjustment Alternative (Air Navigation)	Information Exchange [EA FY13]
Recommended Adjustment Alternative (Airport)	ICOM Arrow [EA FY13]
Recommended Adjustment Alternative (Airport)	Information Exchange [EA FY13]
Recommended Adjustment Alternative (Surveillance)	ICOM Arrow [EA FY13]
Recommended Adjustment Alternative (Surveillance)	Information Exchange [EA FY13]
Recommended Adjustment Alternative (Weather)	ICOM Arrow [EA FY13]
Recommended Adjustment Alternative (Weather)	Information Exchange [EA FY13]
Recommended Improvement Alternative (Air Navigation)	ICOM Arrow [EA FY13]
Recommended Improvement Alternative (Air Navigation)	Information Exchange [EA FY13]
Recommended Improvement Alternative (Airport)	ICOM Arrow [EA FY13]
Recommended Improvement Alternative (Airport)	Information Exchange [EA FY13]
Recommended Improvement Alternative (Surveillance)	ICOM Arrow [EA FY13]
Recommended Improvement Alternative (Surveillance)	Information Exchange [EA FY13]
Recommended Improvement Alternative (Weather)	ICOM Arrow [EA FY13]
Recommended Improvement Alternative (Weather)	Information Exchange [EA FY13]
Reconfigured Asset (Air Navigation)	ICOM Arrow [EA FY13]
Reconfigured Asset (Air Navigation)	Information Exchange [EA FY13]
Reconfigured Asset (Airport)	ICOM Arrow [EA FY13]
Reconfigured Asset (Airport)	Information Exchange [EA FY13]
Reconfigured Asset (Surveillance)	ICOM Arrow [EA FY13]
Reconfigured Asset (Surveillance)	Information Exchange [EA FY13]
Reconfigured Asset (Weather)	ICOM Arrow [EA FY13]

Architecture Element	Type
Reconfigured Asset (Weather)	Information Exchange [EA FY13]
Reply to Surveillance Request	System Function [EA FY13]
Respond to Air Navigation Emergency	Operational Activity [EA FY13]
Respond to Conflict	Operational Activity [EA FY13]
Retain 4-D Weather Single Authoritative Source	System Function [EA FY13]
Retain Weather Observations	System Function [EA FY13]
Risk Report	ICOM Arrow [EA FY13]
Risk Report	Information Exchange [EA FY13]
Safety Tool	ICOM Arrow [EA FY13]
Safety Tool	Information Exchange [EA FY13]
Screen Passengers, Baggage, and Cargo	Operational Activity [EA FY13]
Search for Objects	System Function [EA FY13]
Search for Transponders	System Function [EA FY13]
Secondary Radar	ICOM Arrow [EA FY13]
Secondary Radar	Information Exchange [EA FY13]
Security Personnel (Airport)	ICOM Arrow [EA FY13]
Security Personnel (Airport)	Operational Node [EA FY13]
Security Personnel (Airport) - Pilot	Need Line [EA FY13]
Security Personnel (Airport) - Ramp Controller	Need Line [EA FY13]
Security Personnel (Airport) - Tactical Controller	Need Line [EA FY13]
Security Report	ICOM Arrow [EA FY13]
Security Report	Information Exchange [EA FY13]
Security Tool (Airport)	ICOM Arrow [EA FY13]
Security Tool (Airport)	Information Exchange [EA FY13]
Select Observations for 4D-Weather Single Authoritative Source	System Function [EA FY13]
Self-Separation Report	ICOM Arrow [EA FY13]
Self-Separation Report	Information Exchange [EA FY13]

Architecture Element	Type
Sensor Self Check	System Function [EA FY13]
Shippers	Organization [IWP FY13]
Space Conditions	ICOM Arrow [EA FY13]
Space Conditions	Information Exchange [EA FY13]
Space-Based Radar	ICOM Arrow [EA FY13]
Space-Based Radar	Information Exchange [EA FY13]
Strategic Controller	ICOM Arrow [EA FY13]
Strategic Controller	Operational Node [EA FY13]
Strategic Controller - Airport Planning/Engineering Office	Need Line [EA FY13]
Strategic Controller - Capacity Manager	Need Line [EA FY13]
Strategic Controller - Dispatch - Flight Follower	Need Line [EA FY13]
Strategic Controller - Flight Planner (General Aviation)	Need Line [EA FY13]
Strategic Controller - Flow Manager	Need Line [EA FY13]
Strategic Controller - Pilot	Need Line [EA FY13]
Strategic Controller - Tactical Controller	Need Line [EA FY13]
Suggested Office of Collateral Responsibility (SOCR)	IWP Organizational Relationship Definition
Suggested Office of Collateral Responsibility (SOCR)	IWP Organizational Relationship Definition
Suggested Office of Primary Responsibility (SOPR)	IWP Organizational Relationship Definition
Suggested Office of Primary Responsibility (SOPR)	IWP Organizational Relationship Definition
Supplies	ICOM Arrow [EA FY13]
Supplies	Information Exchange [EA FY13]
Surface Conditions	ICOM Arrow [EA FY13]
Surface Conditions	Information Exchange [EA FY13]
Surface Surveillance Equipment	ICOM Arrow [EA FY13]
Surface Surveillance Equipment	Information Exchange [EA FY13]
Surface Vehicle Operator	Operational Node [EA FY13]
Surveillance Analysis Tool	ICOM Arrow [EA FY13]

Architecture Element	Type
Surveillance Analysis Tool	Information Exchange [EA FY13]
Surveillance Detection Tool	ICOM Arrow [EA FY13]
Surveillance Detection Tool	Information Exchange [EA FY13]
Surveillance Information	ICOM Arrow [EA FY13]
Surveillance Information	Information Exchange [EA FY13]
Surveillance Information	Operational Node [EA FY13]
Surveillance Information (Surface)	ICOM Arrow [EA FY13]
Surveillance Information (Surface)	Information Exchange [EA FY13]
Surveillance Tool	ICOM Arrow [EA FY13]
Surveillance Tool	Information Exchange [EA FY13]
Surveillance Tracking Tool	ICOM Arrow [EA FY13]
Surveillance Tracking Tool	Information Exchange [EA FY13]
Survey Fixed-Object	Operational Activity [EA FY13]
Tactical Controller	ICOM Arrow [EA FY13]
Tactical Controller	Operational Node [EA FY13]
Tactical Controller - Airside Operations Personnel	Need Line [EA FY13]
Tactical Controller - Capacity Manager	Need Line [EA FY13]
Tactical Controller - Dispatch - Flight Follower	Need Line [EA FY13]
Tactical Controller - Pilot	Need Line [EA FY13]
Tactical Controller - Security Personnel (Airport)	Need Line [EA FY13]
Tactical Controller - Strategic Controller	Need Line [EA FY13]
Tactical Controller - Tactical Controller	Need Line [EA FY13]
Taxi Aircraft for Departure	Operational Activity [EA FY13]
Taxi Aircraft from Runway	Operational Activity [EA FY13]
Taxi Aircraft to Arrival Gate	Operational Activity [EA FY13]
Test	Operational Node [EA FY13]
Threat Conditions Information	ICOM Arrow [EA FY13]

Architecture Element	Type
Threat Conditions Information	Information Exchange [EA FY13]
Threats	ICOM Arrow [EA FY13]
Threats	Information Exchange [EA FY13]
Tools (Airport Screening)	ICOM Arrow [EA FY13]
Tools (Airport Screening)	Information Exchange [EA FY13]
Tools (Baggage & Cargo Claim & Tracking)	ICOM Arrow [EA FY13]
Tools (Baggage & Cargo Claim & Tracking)	Information Exchange [EA FY13]
Tools (Ticketing and Reservation)	ICOM Arrow [EA FY13]
Tools (Ticketing and Reservation)	Information Exchange [EA FY13]
Track Object	System Function [EA FY13]
Traffic Conditions (Airport Surface)	ICOM Arrow [EA FY13]
Traffic Conditions (Airport Surface)	Information Exchange [EA FY13]
Traffic Conditions (Intermodal Transport)	ICOM Arrow [EA FY13]
Traffic Conditions (Intermodal Transport)	Information Exchange [EA FY13]
Transport Baggage and Cargo for Departure	Operational Activity [EA FY13]
US Air Navigation Policy	ICOM Arrow [EA FY13]
US Air Navigation Policy	Information Exchange [EA FY13]
US Airport Policy	ICOM Arrow [EA FY13]
US Airport Policy	Information Exchange [EA FY13]
US Fixed-Object Service Policy	ICOM Arrow [EA FY13]
US Fixed-Object Service Policy	Information Exchange [EA FY13]
US Government Agencies	Operational Node [EA FY13]
US Surveillance Policy	ICOM Arrow [EA FY13]
US Surveillance Policy	Information Exchange [EA FY13]
US Weather Information Policy	ICOM Arrow [EA FY13]
US Weather Information Policy	Information Exchange [EA FY13]
USPS	Organization [IWP FY13]

Architecture Element	Type
Unassigned	Organization [IWP FY13]
Unidentified Object Information	ICOM Arrow [EA FY13]
Unidentified Object Information	Information Exchange [EA FY13]
Unidentified Object Notification	ICOM Arrow [EA FY13]
Unidentified Object Notification	Information Exchange [EA FY13]
User Needs (Air Navigation)	ICOM Arrow [EA FY13]
User Needs (Air Navigation)	Information Exchange [EA FY13]
User Needs (Air Transportation)	ICOM Arrow [EA FY13]
User Needs (Air Transportation)	Information Exchange [EA FY13]
User Needs (Airport)	ICOM Arrow [EA FY13]
User Needs (Airport)	Information Exchange [EA FY13]
User Needs (Airspace)	ICOM Arrow [EA FY13]
User Needs (Airspace)	Information Exchange [EA FY13]
User Needs (Fixed-Object)	ICOM Arrow [EA FY13]
User Needs (Fixed-Object)	Information Exchange [EA FY13]
User Needs (Surveillance)	ICOM Arrow [EA FY13]
User Needs (Surveillance)	Information Exchange [EA FY13]
User Needs (Weather)	ICOM Arrow [EA FY13]
User Needs (Weather)	Information Exchange [EA FY13]
Voice Communication	ICOM Arrow [EA FY13]
Voice Communication	Information Exchange [EA FY13]
Volpe	Organization [IWP FY13]
Wake Detection/Prediction w/Dynamic Wake Spacing (EN0029,0030)	ICOM Arrow [EA FY13]
Wake Detection/Prediction w/Dynamic Wake Spacing (EN0029,0030)	Information Exchange [EA FY13]
Waybill	ICOM Arrow [EA FY13]
Waybill	Information Exchange [EA FY13]
Weather Analysis Tool	ICOM Arrow [EA FY13]

Architecture Element	Type
Weather Analysis Tool	Information Exchange [EA FY13]
Weather Forecast	ICOM Arrow [EA FY13]
Weather Forecast	Information Exchange [EA FY13]
Weather Forecasting Tool	ICOM Arrow [EA FY13]
Weather Forecasting Tool	Information Exchange [EA FY13]
Weather Forecasts - Consol. Convective Storm (EN2410,2411,2412)	ICOM Arrow [EA FY13]
Weather Forecasts - Consol. Convective Storm (EN2410,2411,2412)	Information Exchange [EA FY13]
Weather Forecasts - Consolidated Icing (EN2420,2421,2422)	ICOM Arrow [EA FY13]
Weather Forecasts - Consolidated Icing (EN2420,2421,2422)	Information Exchange [EA FY13]
Weather Forecasts - Consolidated Turbulence (EN2430,2431,2432)	ICOM Arrow [EA FY13]
Weather Forecasts - Consolidated Turbulence (EN2430,2431,2432)	Information Exchange [EA FY13]
Weather Forecasts - Environment (EN2461,2462)	ICOM Arrow [EA FY13]
Weather Forecasts - Environment (EN2461,2462)	Information Exchange [EA FY13]
Weather Forecasts - Space (EN2481,2482)	ICOM Arrow [EA FY13]
Weather Forecasts - Space (EN2481,2482)	Information Exchange [EA FY13]
Weather Forecasts - Volcanic Ash (EN2451,2452)	ICOM Arrow [EA FY13]
Weather Forecasts - Volcanic Ash (EN2451,2452)	Information Exchange [EA FY13]
Weather Information	ICOM Arrow [EA FY13]
Weather Information	Information Exchange [EA FY13]
Weather Information	Operational Node [EA FY13]
Weather Information - Wake Vortex (EN2470,2471,2472)	ICOM Arrow [EA FY13]
Weather Information - Wake Vortex (EN2470,2471,2472)	Information Exchange [EA FY13]
Weather Information Regulatory Structure (EN2700)	ICOM Arrow [EA FY13]
Weather Information Regulatory Structure (EN2700)	Information Exchange [EA FY13]
Weather Model	ICOM Arrow [EA FY13]
Weather Model	Information Exchange [EA FY13]
Weather Observation	ICOM Arrow [EA FY13]

Architecture Element	Type
Weather Observation	Information Exchange [EA FY13]
Weather Observation Tool	ICOM Arrow [EA FY13]
Weather Observation Tool	Information Exchange [EA FY13]
Weather Tool	ICOM Arrow [EA FY13]
Weather Tool	Information Exchange [EA FY13]
Wx Forecasts - Consol. Ceiling and Visibility (EN2440,2441,2442)	ICOM Arrow [EA FY13]
Wx Forecasts - Consol. Ceiling and Visibility (EN2440,2441,2442)	Information Exchange [EA FY13]
[Business Process] Airport Weather {730781}	SA Diagram [EA FY13]
[Business Process] Convective Weather Encountered Enroute over the GOM (High Performance) {732667}	SA Diagram [EA FY13]
[Business Process] Convective Weather Encountered Enroute over the GOM (Low Performance Equipage) {733695}	SA Diagram [EA FY13]
[Business Process] Convective Weather Forecasted before Descent into Classic Airspace {734391}	SA Diagram [EA FY13]
[Business Process] Degraded ADS-B {736342}	SA Diagram [EA FY13]
[Business Process] En-Route Weather {737617}	SA Diagram [EA FY13]
[Business Process] GA Flight Planning {740176}	SA Diagram [EA FY13]
[Business Process] IFR Scenario II {740904}	SA Diagram [EA FY13]
[Business Process] Lost Pilot Blunders into Controlled Airspace {742717}	SA Diagram [EA FY13]
[Business Process] Routine Instrument Flight Rules (IFR) Scenario {743746}	SA Diagram [EA FY13]
[Business Process] TBO Airline Flight Planning {745561}	SA Diagram [EA FY13]
[Business Process] TBO Arrival (DTW to IAD) {747475}	SA Diagram [EA FY13]
[Business Process] TBO Arrival (PHX to BZN) {748303}	SA Diagram [EA FY13]
[Business Process] TBO Arrival (PHX to MIA) {748863}	SA Diagram [EA FY13]
[Business Process] TBO Climb (PHX to BZN) {749485}	SA Diagram [EA FY13]
[Business Process] TBO Climb (PHX to MIA / DTW to IAD) {749818}	SA Diagram [EA FY13]
[Business Process] TBO Cruise (DTW to IAD) {750797}	SA Diagram [EA FY13]
[Business Process] TBO Cruise (PHX to BZN) {751397}	SA Diagram [EA FY13]
[Business Process] TBO Cruise (PHX to MIA) {752344}	SA Diagram [EA FY13]

Architecture Element	Type
[Business Process] TBO Surface Movement {753885}	SA Diagram [EA FY13]
[OV-02 Op. Node Connectivity] Enterprise {720174}	SA Diagram [EA FY13]
[OV-02 Op. Node Connectivity] Provide Fixed-Object Information {718965}	SA Diagram [EA FY13]
[OV-02 Op. Node Connectivity] Provide Surveillance Information {719203}	SA Diagram [EA FY13]
[OV-02 Op. Node Connectivity] Provide Weather Information {719654}	SA Diagram [EA FY13]
[OV-05 Activity Model] 0 Conduct Air Transportation Services {757231}	SA Diagram [EA FY13]
[OV-05 Activity Model] 0.0 Conduct Air Transportation Services {757246}	SA Diagram [EA FY13]
[OV-05 Activity Model] 1.0 Provide Airport Services {758829}	SA Diagram [EA FY13]
[OV-05 Activity Model] 1.1 Plan Airport Assets {760597}	SA Diagram [EA FY13]
[OV-05 Activity Model] 1.1.3 Create Airport Plan {761642}	SA Diagram [EA FY13]
[OV-05 Activity Model] 1.4 Operate Airport Assets {760604}	SA Diagram [EA FY13]
[OV-05 Activity Model] 1.5 Conduct Airport Operations {760590}	SA Diagram [EA FY13]
[OV-05 Activity Model] 1.5.2 Perform Landside Operations {764606}	SA Diagram [EA FY13]
[OV-05 Activity Model] 1.5.5 Perform Airside Operations {764599}	SA Diagram [EA FY13]
[OV-05 Activity Model] 2.0 Provide Flight Operator Services {758857}	SA Diagram [EA FY13]
[OV-05 Activity Model] 3.0 Conduct Aircraft Flight {758850}	SA Diagram [EA FY13]
[OV-05 Activity Model] 3.2 Perform Surface Flight Navigation {769988}	SA Diagram [EA FY13]
[OV-05 Activity Model] 3.3 Perform Airborne Flight Navigation {769981}	SA Diagram [EA FY13]
[OV-05 Activity Model] 3.3.2 Control Aircraft En Route {772857}	SA Diagram [EA FY13]
[OV-05 Activity Model] 3.4 Provide Airborne Flight Monitoring {769995}	SA Diagram [EA FY13]
[OV-05 Activity Model] 4.0 Provide Air Navigation Services {758843}	SA Diagram [EA FY13]
[OV-05 Activity Model] 4.1 Plan Air Navigation Service {775441}	SA Diagram [EA FY13]
[OV-05 Activity Model] 4.1.3 Create Air Navigation Plan {776327}	SA Diagram [EA FY13]
[OV-05 Activity Model] 4.4 Operate Air Navigation Assets {775434}	SA Diagram [EA FY13]
[OV-05 Activity Model] 4.5 Conduct ANSP Operations {775427}	SA Diagram [EA FY13]
[OV-05 Activity Model] 4.5.1 Manage Airspace Capacity {778506}	SA Diagram [EA FY13]
[OV-05 Activity Model] 4.5.1.1 Configure Airspace for Near-Term Demand {779222}	SA Diagram [EA FY13]

Architecture Element	Type
[OV-05 Activity Model] 4.5.2 Negotiate Aircraft Use of Airspace {778499}	SA Diagram [EA FY13]
[OV-05 Activity Model] 4.5.2.1 Determine Aircraft Routes & Timing {780201}	SA Diagram [EA FY13]
[OV-05 Activity Model] 4.5.2.2 Control Aircraft Separation {780208}	SA Diagram [EA FY13]
[OV-05 Activity Model] 5.0 Provide Information Services {758836}	SA Diagram [EA FY13]
[OV-05 Activity Model] 5.1 Provide Weather Information {783455}	SA Diagram [EA FY13]
[OV-05 Activity Model] 5.1.1 Plan Weather Service {784656}	SA Diagram [EA FY13]
[OV-05 Activity Model] 5.1.1.3 Create Weather Plan {785539}	SA Diagram [EA FY13]
[OV-05 Activity Model] 5.1.4 Operate Weather Assets {784670}	SA Diagram [EA FY13]
[OV-05 Activity Model] 5.1.5 Produce Weather Information {784663}	SA Diagram [EA FY13]
[OV-05 Activity Model] 5.2 Provide Surveillance Information {783462}	SA Diagram [EA FY13]
[OV-05 Activity Model] 5.2.1 Plan Surveillance Service {788903}	SA Diagram [EA FY13]
[OV-05 Activity Model] 5.2.1.3 Create Surveillance Plan {789671}	SA Diagram [EA FY13]
[OV-05 Activity Model] 5.2.4 Operate Surveillance Assets {788889}	SA Diagram [EA FY13]
[OV-05 Activity Model] 5.2.5 Produce Surveillance Information {788896}	SA Diagram [EA FY13]
[OV-05 Activity Model] 5.3 Provide Fixed-Object Information {783469}	SA Diagram [EA FY13]
[OV-05 Activity Model] 5.3.5 Produce Fixed-Object Information {792875}	SA Diagram [EA FY13]
[OV-05 Activity Model] 6.0 Provide Risk Management Services {758871}	SA Diagram [EA FY13]
[OV-05 Activity Model] 7.0 Operate in the Net-Centric Environment {758864}	SA Diagram [EA FY13]
[OV-05 Node Tree] NextGen Activity Node Tree {793666}	SA Diagram [EA FY13]
[SV-01 Systems Interface] ANSP {723364}	SA Diagram [EA FY13]
[SV-01 Systems Interface] Navigation {725261}	SA Diagram [EA FY13]
[SV-01 Systems Interface] Safety {726401}	SA Diagram [EA FY13]
[SV-01 Systems Interface] Surveillance {727269}	SA Diagram [EA FY13]
[SV-01 Systems Interface] Weather {728631}	SA Diagram [EA FY13]
[SV-04 Data Flow] Analyze Weather Data System Functions {754931}	SA Diagram [EA FY13]
[SV-04 Data Flow] Surveillance System Functions {755188}	SA Diagram [EA FY13]
[SV-04 Data Flow] Weather System Functions {756249}	SA Diagram [EA FY13]